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### SAINT LOUIS, THURSDAY, SEPTEMBER 8, 1881.

No. 36, Vol. XXXIV.

## Sorgo Cepartment.

The Rural World is the only journal in from sorgo.

#### Dr. Loring and Sorgo.

facts as will give him faith and cause him to use his influence in aiding to extend the culture of this northern cane—if he is the man we give him the credit of being, but we have as yet seen no it of being, but we have as yet seen no it of being, but we have as yet seen no it of being, but we have as yet seen no it of being according to these points, to a very great heat, and by that means a glucose is just as well if not better is reduced to a syrup of 22 degrees to 25 present at your meeting, not only for the degrees B.; thence it is passed into a vacuum pan (25 to 58 in in vac.) and that will be communicated by the members of the association, but also to impart such subjected to a temperature not exceeds to a temperature not exceeds the present at your meeting, not only for the degrees B.; thence it is passed into a vacuum pan (25 to 58 in in vac.) and that will be communicated by the members of the association, but also to impart such subjected to a temperature not exceeds to a temperature not exceeds the present at your meeting. The purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose of obtaining all the information vacuum pan (25 to 58 in in vac.) and the purpose this enterprise, as there was once before, but the conditions that extst now did not exist then. If we had only the varieties now, that we had then, it is bar-ly possible there might be a failure, advance through the results of the cold. The best manufacture of the mass is gently stirred,) and from the bottom of the same it drops into a condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the mass is gently stirred, and from the condition of the ing, it is said, and we would be pleased to have him here to see what even unskilled farmers can do. We will promise to show him numbers of samples of good merchantable sugar, made by unscool merchantable sugar

Growers' Association on Monday, Sep- of sugar, of the grade of yellow C. tember 5th, in the office of Colman's Ru-Schwarz, G. C. W. Belcher, J. A. Doug- gar 600 pounds, syrup 600 pounds. lass, Norman J. Colman and Professors M. A. Scovell and H. A. Weber of sorghum taste is entirely destroyed. the Illinois State University.

The object of the meeting was to hear periments the present season in making sugar and syrup from sorghum.

Several samples of sugar, melado, and port by Prof. Weber which is well worth the perusal of every one who cultivates sorghum:

PROFESSOR WEBER'S REPORT. Professor Weber arose and said: The experiments in making sugar from sorghum, which we are now ready to reversity by Professor Scovell and my- ly unfit for use. self, and are a continuation of the experiments made last year, the results of showing conclusively the deleterious which were laid before the Cane Growers' Association by Prof. Scovell and

need not be mentioned here again. It was hoped that the Legislature of Illinois would appropriate sufficient money to carry on these experiments on a larger scale and with approved apparatus. The bill introduced for this purpose failed to pass. The board of trustees of the Illinois Industrial University not wishing to see the experiments of last year dropped entirely on the important work.

The apparatus consisted of a Victor mill and two pans with wooden sides ual enterprise is developing its merits. and copper bottom, one of which was used for a defecating pan and the other Chicago, Aug. 18. 1881.

for finishing pan. Both pans were heated over direct fire.

with two kinds of sugar, namely, su- merous questions. crose or cane sugar, which is crystalcrose or cane sugar, which is crystal-lizable, and glucose or grape sugar, ing the cane juice is to pass it directly MINNESOTA AMBER CANE GROW-the vessel, the thicker the clay of course. When the clay is removed for the purpose which is not crystallizable. The pro- from the mill into a sulphur machine portion of glucose and sucrose varies at where the juice is impregnated with different stages of development of the the fumes of sulpher smoke; thence in-We have seen statements in the news- plant. The maximum quantity of su- to clarifiers (square tanks, having a and furnished the Rural World at the repapers to the effect that Dr. Loring, crose is contained in the cane, when the steam coil pipe at the bottom); there quest of the Minnesota Amber Cane Growers commissioner of agriculture, had about seed is in the "hardening dough." Af- it is mixed with a sufficient quantity of Association.] as little faith in making sugar from ter this stage of development is reached lime to neutralize the acid in the juice, sorghum as he had in growing tea in and the cane is allowed to stand in the and by a moderate heating all the imthe Carolinas. When Dr. Loring, over field, the cane sugar slowly, but certain-purities in the juice rise to the top of C., January 15, Hon. Seth Kenney, Presidence of the control of C., January 15, Hon. Seth Kenney, Presidence of the control of C., January 15, Hon. Seth Kenney, Presidence of the control of C., January 15, Hon. Seth Kenney, Presidence of the control of C., January 15, Hon. Seth Kenney, Presidence of the control of the co his own signature, states that he has no ly changes into grape sugar. If the the clarifier, or tank, are skimmed off faith in the culture of sorghum for cane is cut this change takes place leaving the juice clear and of an amber syrup and sugar purposes, as a profitable much more rapidly until the last trace color; thence it is passed into evaporawill endeavor to put before him such king syrup from sorghum no very great coils), where the juice is subjected it would be utterly impossible for me to at facts as will give him faith and cause attention need be paid to these points, to a very great heat, and by that means more than I can tell you, as I wish

such statement. We know that many predict that there will be a collapse in with sulphuric acid. All other acids talizes, and when properly cooked, is or take back of anything that has been ut though there has been much advance- terial for this purpose is milk of lime. machines the molasses is forced out three or four barrels of sugar direct from ment made since then. We know more As the acidity of the juice varies in through the small holes (these machines the cane, giving time for granulation. We had about the best time to cut and work the different varieties of sorghum and also being of sieve cloth at the circumfercane, to find the most crystallizable suin the same variety owing to different ence), leaving the crystallized sugar to
fore frost took us, and atter that our sugar
boiler concluded he could make only moboiler concluded he could make only mogar in it; we know more about the best conditions of soil, climate, &c.—no define the methods of defecating and evaporating nite proportion of juices and lime can apparently forced out, we dash in about therefore run to syrup. the juice, and above all we have found varieties that did not exist then whose juice is richer in cane sugar. The Early Orange, the Kan sas Orange, and many other varieties that many other varieties that many other varieties turn blue litimus paper red, and lime the sugar, and it leaves the crystal-lized sugar pure and white or off white, in proportion to perfect or imperfect turn blue litimus paper red, and lime turns red litimus paper blue. Sorghum therefore run to syrup.

The fixed upon. The only sure way is to a quart of water, which we call washing a quart of water, which we call washing the sugar, and it leaves the crystal-lized sugar pure and white or off white, in proportion to perfect or imperfect turn blue litimus paper red, and lime turns red litimus paper blue. Sorghum "It is my onlinen that no one included." far surpass the varieties that were then juice in its normal condition at ways
cultivated in containing the elements turns blue litimus red, owing to the up proper macainery (on the scale rep
cultivated in containing the elements turns blue litimus red, owing to the up proper macainery (on the scale rep
cultivated in the above description, we of cane sugar. If Dr. Loring will at presence of organic acid. When a body tend the next meeting of the Mississipof juice is to be neutralized, milk of particular and without proper machinery found to be the same under different names, tend the next meeting of the Mississip- of juice is to be neutralized, milk of understand him to mean,) for making think we can promise him that the stant stirring until a slip of reddened no good sugar can be made. If a cen- but from them all we have raised twenty scales will drop from his eyes, that is if litimus paper is slowly changed to blue tral factory was established, where he has any, and he will see this indus- when held in the juices. The juice is from 10,000 to 15,000 tons of cane could he has any, and he will see this indus-try in its true light. Seeing is believ-now in a condition in which, on subse-be concentrated, I think sorghum cane the average results obtained show 1600 ing, it is said, and we would be pleased quent boiling, none of the cane sugar

er product on the farm. We know this is promising a good deal, but we believe we can fulfill all we promise.

Several points in the letter above given, were asked and answered as follows:

1. Is the sulphur process for bleaching, or for rendering free the coloring matter in the fall and suckering of the matter in the juice, or what for? Ans. believe we can fulfill all we promise.

The result was a feet boil- color matter and glutenous matter. very light melado. Two days after boil- color matter and glutenous matter.

Calculated for one acre of sorghum RAL WORLD at St. Louis, Mo., there we obtained the following: Melado were present: I. A. Hedges, C. M. 12,00 pounds, consisting of yellow C su-

As the samples before you show the

Prof. Scovell being called upon for any additional statements, described an reports from the professors of their ex- interesting and highly important experiment made with one-fourth of an acre of sorghum, which was raised upon a field, that had for many years been syrup were exhibited by them which used for a barn yard. That part of the were pronounced by all excellent. The cane planted directly on the manure following is the substance of the repile, contained about two per cent. less port upon, were made at the chemical well; but the large quantity of salts labratory of the Illinois Industrial Unipresent, makes the products apparent-

made an appropriation of \$180 to carry Jersey leads all other States in encour-

In the sorghum juice we have to deal N. E. Farmer and gives answers to nu-

"Our process in Louisiana for treat-

resented in the above description, we sugar may be profitably made, provided an experienced sugar maker has the charge of the clarification of the juice.

ter still this year.

### ERS' ASSOCIATION.

[Reported for the Commissioner of Agriculture, by his stenographer, Mr. LeDow,

The following letter from Gen. LeDuc was then read:

dent Minnesota Amber Cane Growers' As-

Dear Sir-The pressure of public business

had not been produced then, and they turns red litimus paper blue. Sorghum "It is my opinion that no one individfar surpass the varieties that were then juice in its normal condition always ual raising sorghum could afford to put
this, so that I cannot speak of the results

five distinct varieties in our grounds. The analyses of these canes shows some of them

Report on Sorghum.

At a meeting of the Executive Committee of the Mississippi Valley Cane gal machine, yielding one-half in weight Growers' Association on Monday. Sen. of sugar, of the grade of vellow C 5000 gallons juice.

3d: At what temperature skimmed off?

Ans. About 150 degrees in clarifiers, and about 212 degrees in the evapora results in the same season, but much more would I expect to see different results in dif-4th. How much sugar and syrup per determined the sugar, and some from good cane. would I expect to see different results and storing the cane at the suckers, cutting and storing the suckers, cutting and storing the suckers, cutting and storing the cane at the suckers, cutting at the suckers at the suckers

Sugar Making.

G. F. Nutting, sends a letter to the above. Our trials in sugar making in through with the molasses, and top 1880 more than returned 90 lbs. sugar should be covered with a piece cotton per ton of cane, and we hope to do bet-cloth, and from three to five or so inches to five years. of clay placed upon that, according to the purchase your supply of cotton goods size of the vessel. The wider the mouth of of wetting, it should be packed down even and tight around the edges—when replaced so as to secure an even and perfect filtratration, it being necessary only to let the fancy," my mind in a moment, as it water peculate slowly through the sugar, so were, travels from Florida, Texas and that it will liquify and run off the molasses, and at the same time will not dissolve too much of the crystal of the sugar. In this way those who have thick mush sugar can readily separate the molasses from the sugar, making both better fitted for table use. With my best wishes for the success of the coming convention, I remain, very respectfully, your obedient servant,

WM. G. LEDUC, Commissioner. Cel. Colman: I move that the communication be filed for publication in the proceedings.

The report of the committee on subjects for discussion at the next meeting was then read by the secretary as follows:

1. Proper season for planting cane Preparation of the soil.
 Seed—different varieties

4. Planting in hills or drills.

5. Mode of culture. 6. Harvesting proper time-topping, strip

ing and bundling.
7. Density of juice.
8. Handling of the crop.

10. Power-steam or horse

Bagasse for fuel.
 Quantity of sugar and syrup per acre

Col. Colman: I would suggest that another very important point be added to that, and that is defecation of the juice.

The committee on resolutions, through its hairman, Capt. Blakely, made its report. The report was agreed to.

A Member: There is a little more light wanted in this bagasse question. There are hose here who have burned it, and I want

them to tell how they do it.

A member explained by a diagram his

The convention ordered a barrel of sugar sent to President-elect Garfield.

### [TO BE CONTINUED.]

Correction. In the last number of our paper we printed the word alumina in Mr. Ashpaugh's letter ammonia and the same

in Mr. Hedges' reply to Mr. A. There is more difference in the two chemiis more difference in the two chemical ingredients than in the two words.

## Agricultural.

### Early Planting for the South.

Advice is cheap, but then, one is not a thousand acres, there would most iged to take it, you know. Notwithstanding, seeing the RURAL WORLD the sheep could reach all through the has a great many subscribers who can-autumn and winter months. White not profit by advice, which may be beans could also be grown as field crops proper and adapted for the central sec- and fed to the sheep, and whenever tion of the Mississippi Valley, I incline practicable, on account of the weather, to proffer a little seasonable advice to they should be hurdled by movable our southern friends, and they can read hurdles from place to place, when they again the first line of this paragraph would thus very much enrich the soil. and govern themselves accordingly. Flaxseed is also grown to some ex-Let it be understood that I am speak- tent in northern Iowa and Minnesota.

ond crystallization of sugar is reboiled in the vacuum pan, and 3ds are made from syrup of 2ds sugar.

"If the sugar boiler is competent, the residue from thirds of sugar contains no trystallizable sugar; only what is called grape sugar remains in the molasses.

I send you a sample of sugar to which I would like to call your attention. Its light ety of food, there will be little choice to enrich the manure as to fatten the cattle. Now, here is another leak in mon years ago.

The black, thick mush sugar was placed in this year, what will it be in the case to-day—what wil residue from thirds of sugar contains in this most of case sugar, than the case from other working up the case, that it was impossible to defecate the jude complete substitute parts of the field. It was found on working up the case, that it was impossible to defecate the jude complete substitute parts of the field. It was found on working up the case, that it was impossible to defecate the jude complete substitute parts of the field. It was found on working up the case, that it was impossible to defecate the jude complete sweet, fresh jude, is required. Substitute the parts of the field of of the fi

run the readers living in the south know top very well; hence it will pay, whoso ever can avail himself of the chance to possible before the rise takes place, which is sure to come, if all signs fail not, and thus put money in your purse.

And now by some eccentric "flight of Tennessee to the extreme north, even to Minnesota and Manitoba. Would that I could reach every man who owns a foot of land in those parts? What will you do when once you have robbed (skimmed) your land by four or five successive crops of wheat? Your mode of culture returns nothing to the soil. Even a full closet becomes empty by your drawing continually on the contents, unless you fill up again. Allowing that you scatter your straw to some extent, and then burn it to have it out of the way, of what value is the slight deposit of ashes, which, like as not, the storm king carries out of sight the first night he gets in his work. Besides, wherever straw is burned on the cultivable land, the heat or rather fire destroys all the organic matter (decomposed vegetable deposits), which are the most valuable parts for furnishing plant food-so that every time a fire passes over the land, it is injured to the extent of a crop. What a suicidal method of farming is thus indicated?

What can you do in your rigorous climate to bring back your soil to its original fertility? Perhaps you can sell it to some wise man (?) as highly improved. You are too far north to make stock growing profitable or even possible. This cannot be done where the herds will have to be fed and sheltered for at least eight months in each year. I wonder that our erudite (ex) commissioner of agriculture did not suggest the importation of reindeer or something of that sort. It would not be any more wild than the introduction of "that great ship of the desert," the dromedary, which I believe was really attempted for other sections of our great country.

There is, however, one thought which may have some practical value as to farming in the north and northwest, viz: the cultivation of large tracts of rye sewn very early and the pasturing the same with the hardiest sheep. On likely be bare spots of acres, which the

acre? Ans. About 2500 hs sugar, and storing the cane at the suckers, cutting and storing the cane at the proper time, in view of coming frosts and mill for 100 hs. sugar? Ans. Can't say; about 100 hs. sugar ready for market district from the centrifugal machine? Ans. Yes. Syrup from first and second crystallization of sugar is reboiled on d crystallization of sugar is reboiled in the yacuum pan, and 3ds are made.

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## Che Grange.

[The Rura. World welcomes to the Grange Department communications from Missourismad all parts of the Mississippi Valley from members of the order. Brief notes of what soing on so the order, or any matters permising to it will be cheerfully published.]

ing the two ensuing years.

A. M. COFFEY. Secretary of Executive Committee Knob Noster, Mo., December 6, 1880.

Rella State Grange Resolutions. The Missouri State Grange, at its late see sion at Rolla, unanimously adopted the fol-

Whereas, Colman's Rural World was one of the first papers in Missouri to espouse the grange cause, and to urge the farmers of the State to organize themselves into granges;

The Road to W

Whereas, It has ever been the faithful, earnest and consistent friend of the grange and of the agricultural classes of the State, realously laboring to advance every agricultural interest and to elevate the p of agriculture to a higher standard; there-

Resolved, That the Missouri State Grange cordially indorses Colman's RUBAL WORLD and recommends it to the support of the Patrons of Husbandry of the State of Mis-

#### Missouri State Grange Meeting.

chamber are at our service.

#### An Important Decision

pany, in which the express company times, and their powerful but servile bler manhood for America, for nobler sought legal protection against a regenii are the people—farmers, mechan-successors to the Pilgrims, for higher sought legal protection against a regenii are the people—farmers, mechan-fusal of the railroad company to permit ics, and laborers. it to do business over the line of said derbilt, who inherited his railway for-road. The decision was to the effect tune, and Gould, who acquired his, but that the railroad company was bound to carry goods for the express company, Pac fic, who have made railroads and and must not discriminate against it than either Vandderbilt or Gould. The matiam. either in favor of itself or of other ex-four incorporators of the Central press companies; and the judge went Pacific were Hopkins, Huntington, on to declare that he had no doubt of Stanford and Brocker. After getting on to declare that he had no doubt of land and Brocker. After getting land and subsidies sufficient to build the power of the court to fix the maximum rates to be charged for the trans- lowed to issue stock and bonds guaran portation of express matter by a rail- teed by the government, they form themselves into a construction company purpose should not be made "until aft- themselves to prevent disagreeable comer a reference to a master, and a report petition; rake in all the profits of the by nim after a hearing."

It will be observed that this decision asserts in plain terms the right of the the rates charged on it they have had to is now less than that sum. Yet here is courts to prevent railroads from disgo to work building other roads, or, as \$69,000,000 altogether untaxed. This is atcriminating against one class of customers in favor of another, and also to establish a limit for freight charges. money made that they could not put it in the ground fast enough, and have had We believe this is the first decision of to resort to othe means of concealing it. the kind by a court of such dignity, and by the Credit Mobilier scheme they were enabled to put a little of it into itself the fruits of labor and the gains of the product of the if sustained by the Supreme Court—as good lawyers say it must be—it must mark the opening of a new era in our jurisprudence. The principal announced by Judge McCrary goes to the very core of the railroad problem. It brings railroads within rules governing common carriers, and deprives them of mon carriers. and deprives them of special privileges. In other words, railroads become, in a sense, public railroads rail highways, where all customers must be treated alike, and from which none can be excluded either outrightly or indirectly. It is, in the amplest way, an anti-monopoly decision. The rights of the public as against the corporations cerning the dangers of American poliare not only distinctly recognized, but tics, as follows. The report is taken a remedy is pointed out, under existing from the New York Tribune: laws and in a rational manner. It is a decision upon broad general grounds, great men are set above the ordinary fence and see if it was not possible to obtain

proof of the fact familiar to lawyers, that the courts take notice of and are gradually influenced by the progress of civilization, and that one of their chief functions is to harmonize the vital and unchangeable principles of law with the varying needs of industry and commerce. The railroad has grown to be an integral part of the life we live. Our system of trade and intercourse is largely subject to its influence. It is potent to decide, in great measure, the prices of what we buy and what we sell, and we cannot do business without availing ourselves of its assistance. An agency so extensive and so essential assumes by its own workings, and in spite of private ownership, a public character; and the courts are bound to take notice of it as such, and to protect the people against abuses in its operation. Such we understand to be the basis of Judge McCrary's decision. It ignores technicalities and primitive conditions, and treats the railroad not as a private corporation amenable to State laws, but as a great public factor in the affairs of life, which must be made to conform to general principles of justice and equity.

If we concede that Judge McCrary's decision. It ignores technicalities and primitive conditions, and treats the railroad not as a private corporation amenable to State laws, but as a great public factor in the affairs of life, which must be made to conform to general principles of justice and equity.

If we concede that Judge McCrary's decision. It ignores technicalities and primitive conditions, and treats the railroad on the same rule must be abled to apply to the telegraph, and such as a private corporation amenable to State laws, but as a great public factor in the affairs of life, which must be made to conform to general principles.

It more than to do wrong. Greatness gives no to do wrong. Greatness gives no trailed the devil, to lie, to death the devil, to lie, to death the association in the angelic.

Commissioner Fink, head of the railroad mode in the angelic to let the attention of the

in time, perhaps, to many other similar enterprises, as they shall one after them, and where other men do another come to be of such public im they melt and become flabby. portance as to justify classing them with the railroa. We do not see how, in the case of the telegraph, it would be possible, under this decision, to avoid declaring that contracts with press asgoing on in the order, or any matters per inting to it will be cheerfully published.]

Official Grange Paper.

At a meeting of the executive committee of the Missouri State Grange, held in the city of St. Louis on the 3d day of December, 1880—

St. Louis on the 3d day of December, 1880—

all the members being present—it was agreed to accept the proposition, submitted by Col.

Norman J. Colman, for publishing the official mew appliances for the transaction of the country in the proposition of the country in the coun business and the facilitation of intercourse is bound to disturb our jurisprudence in a notable and far-reaching
way. Perhaps we shall thus adjust a are many men in public life whose communications in the RURAL WORLD business and the facilitation of inter-the two ensuing years. business and the facilitation of inter-course is bound to disturb our jurisgreat many things which now promise word I would not regard, and yet at to give us infinite political trouble home I would not doubt them. Many The simple precepts and precedents of look on politics as a game in which all the common law may be shown to have is fair; anything for success. Nothing a flexibility and an adaptation to emergencies that will provide an easy escape for us from grave dangers which It should be an inspiration to young are already casting their shadows bemen. But most are amblers in politics:

#### The Road to Wealth.

If the "Arabian Nights" were to be rewritten, the miraculous production of wealth would not be represented as the result of rubbing rings or old lamps, politics can not be virtuous at home. or by any such puerile performance. Nor would the instrum ntality of genii be required to build magnificient edifices make." They say, why should I not serve princely repasts, and pour out a make all I can? They don't know any stream of money on the lucky master of the spell controlling the active spirits of the earth and air. The new Arabian Nights would put the hero of the be refused. EDITOR RURAL WORLD: The Exec- tale in the position of a railway builder utive Committee has named Jefferson and manager, and all the opulence and City as the place for the meeting of the magical transformations would follow State Grange. Time, third Tuesday, as a matter of course. Perhaps, after the 18th day of October. Mayor Cox all, the eastern myths were but paraand many of the citizens offer a cordial bles prefiguring the gigantic enterprises welcome, and promise such attention and achievements of the railway kings as will make the meeting pleasant and of the far west. The figures will hold successful. Ample hotel arrangements have been made. The Hall of the House of Representatives and Senate disportionate good fortune thereby at at our service.

JOHN WALKER,
Ch. of Ex. Comt. Mo. S. G.

railway kings, as compared with the the vield and the enormous fortunes they amass. Judge McCrary, of the United States railway kings are regarded as the mere Circuit Court, has recently made a decision of more than ordinary significance. The case was that of the Southern Express Company against the Memphis and Little Rock Railroad Company in which the express company. These remarks apply not only to Van-

to do the work; make contracts with enterprise and keep them in the family To conceal the profits of operating the road and present some justification of

### lower rates in view of the disproportionate profits.—Prairie Farmer. Dangers in American Politics.

The Rev. Henry Ward Beecher said, recently, in the course of a sermon con-

There seems to be a sentiment that which substitutes a principle of common law, operative all over the country, dangers in national life are a people of all local statutes and regulations.

The two great some compromise with him, and resulted in a failure. A Farmers' Anti Barb-wire Fence of a failure. A Farmers' Anti Barb-wire Fence of a failure. corrupted and corrupt rulers. Neither the highest in the land cannot easily be over-estimated. It furnishes a new proof of the fact familiar to lawyers, that the courts take notice of and are personal license than to other men. by a court but one step removed from can long exist with the other incorrupt.

native village, where every one knew they melt and become flabby. Drink ing is the almost universal argument, and reward. In the army we could forgive men their tobacco and whiskey. but in politics there is no excuse Men go in bar-rooms and lobbies and

should be more sacred than the service of the county, of the commonwealth. it is a disgrace to fail, and their only virtue is success. The jugglers in poli tics, bribers, corruptors, believing all is estimable and pure in public life. They But a drunkard or immoral man in These seem to have no consciences at all. They are in public life like New If any man is unlike thembetter. selves they say he has some deep laid plan. Many would not be tempted by money directly: \$100,000 off red would of our readers. He says: In the fall of 1876 be refused. Some would refuse and some would not. But if by six sentences a man could use the knowledge lungs followed by a severe cough. I soon be gained by official station so that a clique gan to lose my appetite and flesh. I was so could make \$2.000,000 and he have his share, he would not regard that. This bed. In the summer of 1877 I was admitted is right if a man has no honor. Otherwise it is wrong. Is it right for a sena-tor be the paid adviser of a corporation whose interests he may be called upon to legislate for? Would George Washington have occupied such a position? A man with a sensitive conscience can-not touch pitch and not be defiled. The increase of wealth in this country is something enormous. More and more money is being used in politics. The golden wave is beating at the foundations of the courts. Legislatures are almost universally bribable. The aspiring wave more are reset susceptible to almost universally blooms as most susceptible to ing young men are most susceptible to these influences. Let Legislatures, that every one afflicted with Diseased Lange Courts, the Central Government let down the barriers of morality and young men are everywhere corrupted. Public influence vulgarizes young men, teaches them lying, dishonor, corruption, and tone of manhood, for elevation of the country by purer light and the seed of

In the Times, of Philadelphia, we observe Mr. John McGrath, 1236 Christian street,



### Anti-Monopoly Notes.

The anti monopoly agitation in Jersey City, N. J., has discovered that the different railroad corporations centering there own untaxed property in the city valued at over \$60,000,000. The assessed property in Jersey City has never exceeded \$60,000,000, and they would say, capitalizing the earnings. But such was the amount of the legislature of the State. the legislature of the State.

The New York Times in a late article retrade, and piling up wealth in the hands of the few, but it is controlling legislation and endeavoring to sway the decisions of courts in its own interest. We are now at a stage in the contest when the people may vindi-cate their authority and place these corporations under the regulation of law."

The Riley Independent, of Kansas, pertitates a juryman or justice of the peace from sitting on or trying that particular case, is a justice of a supreme court, who is biased in favor of railroads and other monopolies, competent to try a case of litigation between the monopolists and the people?"

The farmers of Iowa are organizing against another monopoly—the "barbed wire monopoly." They held a convention some months ago and the Governor of the State presided. A committee was appointed to wait on the owner of the patent barbed wire Association has been organized in Iowa with a capital of \$100,000, and the whole question

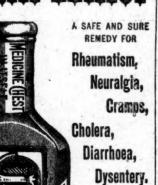


This beautiful clock, an ornament to any om in cottage or mansion, is given as premium to any one who sends new subscribers for one year. We have sen out hundreds of them for premiums; some of which have been running for several years. and all keep accurate time, and give unbounded satisfaction. Every one who reads this can get up the club and get this excellen

Rescued from Death. The following statement of William J Coughlin, of Somerville, Mass., is so remark able that we beg to ask for it the attention I was taken with a violent bleeding of the to the City Hospital. While there, the doctors said I had a hole in my left lung as big as a half dollar. I expended over a hundred dollars in doctors and medicines. I was's far gone at one time a report went around was dead. I gave up hope, but a friend told me of DR. WILLIAM HALL'S. BALSAM FOR THE LUNGS. I laughed at my friends. thinking that my case was incurable, bat I got a bottle to satisfy them, when to my surprise and gratification I commenced to feel better. My hope, once dead, began to revive. and to day I feel in better spirits than I have the past three years.

will be induced to take DR. WM. HALL'S BALSAM FOR THE LUNGS, and be con vinced that CONSUMPTION CAN CURED. I have taken two bottles and can positively say that it had done more good than all the other medicines I have taken since my sickness. My cough has almost en-tirely disappeared and I shall soon be able to go to work." Sold by druggists.

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edit a de Missouri hope to 1 them, ar will give above al and supp its Agric and mos We are the thou surer ba opened b large sh that the now be 1 vigor. (

pleasant cially M committ their uti at their experim and suc already | cultural results. rally to Legislat and imp universi And s

> than our varite d say that culture, ly, if not will be when th May the as they State; ar more ple is the he Colum

farewell

Prof. thanking you hav nia, and locate th get all th ing it, i much, w future i or in an me or th (for mar

Cheapes Kansas Califori Angelos notice t Lebar

REPL Californ route an an emig

## Korticultural.

Edited by George Husmann, Professor of Pomology and Forestry, Columbia, Mo. All communications for this department should be addressed to him as above.

#### Farewell to Our Readers.

We shall depart on the 5th inst. for our new home in California, and when the fall of 1879, I plowed and subsoiled this reaches our triends, shall be already far away on the borders of that inches deep; in the spring fellowing glorious State. We have accepted the prepared the same and set to strawmanagement of a large vineyard enter- berries, mostly Chas. Downing, o e row terprise and wine cellar, near Napa City, Cal., belonging to Gen. J. W. Jack and Cumberland Triumph. I got Simonton, formerly president of the a first-rate stand. I worked well dur-New York Associated Press, and must ing the summer, kept all weeds unhurry there, to work up the crop of der, covered well during winter, and seventy acres of grapes into wine.

We trust our readers will believe us. that it is not entirely without regret tenths of acre, 4,300 quarts, besides all we leave a State, which has been our the family could use through the seahome for nearly forty-four years, where son. The ground had been in cultivaso many of our loved ones were taken tion for ten years to corn and potatoes to their last long sleep, where memory without any manure. I do not call this dwells on so many cherished recollec- an extra yield, but about a full crop, tions; but alas! also on so much that whilst none of my neighbors got hardly was bitter, mingled with the sweet, and half a crop and those with the Wilson where at last we had become identified, as we thought, with the noblest insticame satisfied, during our last visit in California, that there is the true home of horticulture, and especially our favorite fruit, the grape; and when we were offered a situation there so congenial to our tastes, where grape cul- the Windsor Chief. It made the best ture promises to become the leading yield and largest berries of any variety industry, and can never be fettered by I have. I picked one box (quart) that unwise laws-when we also thought of held fifty-six berries, well rounded up and we will be better off. our years of grinding and untruitful and could have picked many more, and toil, when it took hard and unceasing labor from morning until night, to gain the humblest living for our loved ones, and when we often asked ourselves, "Is this the reward for your unceasing labors for the be efit of the State you loved, perhaps, not wisely, but too well?"-we could not hesitate one moment, in justice to ourselves and our family, when we ought to go.

We know that we leave behind us many warm and cherished friends, and Chief in alternate strips, I have no beg to assure them of our unceasing doubt my yield would have been one-fourth more. As to quality I would regard; we leave them with the hope take Capt. Jack and Downing. The that they will also kindly think of us, Capt. Jack bloomed too freely with me and that we shall sometime in the near consequently the berries were rather future have the pleasure to take them blighted rather more than suited me. by the hand in our new home, and show The Cumberland Triumph is the hand them its wonders. To the readers of somest berry I have, but does not yield t e Horticultural Department we wish quite well enough, is rather soft, but to s y, that although we cannot well edit a department of horticulture in a sunworthy of cultivation. I think Missouri paper away in California, we originators are bringing out new vari-hope to remain in communication with eties rather fast, being calculated to them, and give them some jottings confuse not only new beginners but the trees. from the Pacific coast if friend Colours from the Pacific coast, if friend Colman apply manure to a growing bed that will give them space in his paper. And will do the most good with the least W. M. HOPKINS. above all, we hope they will cherish and support their State University and its Agricultural College, as the noblest and most useful institutions of their

that the necessary in provements can now be pushed forward with increased vigor. Our relations with all our colleagues, and especially with its noble president, Dr. Laws, have been very president, Dr. Laws, have been very pleasant. We know from experience pleasant. We know from experience that its Board of Curators, and especially with its noble that its Board of Curators, and especially with its noble to the first that plums can be raised as the college lands, and nearly all the fruit, leaving the grower takes the shows the roots have been injured; then prunctives only, it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctive and with make them grow the society decided also to send a show of fruit to the Missouri Valley freely. It should be a main object to make an experience on a small scale, in order to be convinced by your own experience. It is this: Select one watch nearly planted truit trees, it, they was the roots have been injured; then prunctive and with all our collished fact that plums can be raised as show of fruit to the Missouri Valley freely. It should be a main object to make an experience on a small scale, in order to be convinced by our own experience. It is this: Select one watch nearly all the fruit trees, it, they was the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives only it shows the roots have been injured; then prunctives on the state two tits. You give up in despair. You are an inductive freely. It shows the roots have been on making, gathered unring a practice of every and

farewell. We hope that an abler gun special soil or cultivation; it willthrive than our's may henceforth edit our fa- let the soil be rich or poor, so it is warm varite department, but think we dare- and dry. say that no one could be more in sym-

ing it, if it wouldn't be asking too the of the bloom as possible.

Much, will you be kind enough in some In addition to the above named vamuch, will you be kind enough in some future number of the Rural World rieties I should plant some Green Gage, or in any way you think proper, inform Lawrence, Favorite and Lombard, the me or the readers of the Rural World latter is a profuse bearer, but is considered to rot.

I write this to give a more extended information on the subject. Peach or the readers of the Rural World latter is a profuse bearer, but is considered to rot.

an emigrant ticket, though it takes sev- with stronglye.

eral days longer. A second class ticket Missouri Valley Horticultural Society. will entitle to all first class priveleges except sleeping berths. It will carry you through on same train, and is perhaps the best way. HORT. EDITOR.

#### Subsoiling for Strawberries.

PROF. HUSMANN: I will now redeem my promise, by giving you my experience in subsoiling for strawberries. In nine-tenths of an acre of ground sixteen of Windsor Chief, and 500 each of Capt. they came out in first-rate condition last spring. I marketed from the ninean entire failure. The Downing and better than any other variety I haveout of seven or eight kinds. They are both quite green and looking well, though not making any plants-and just here I must say a word in favor of they picked about a week longer than Downing and carried their size well until gone. I had but a few plants of fruit as it is. Miner's Prolific in bearing, so that I cannot judge properly of its merits, but it certainly promises well. I think

if I had to make a selection of three varieties for all purposes, I would say Chas. Downing, Windsor Chief and Mmer's Prolific. If my patch had been planted with Downing and Windsor

#### Kansas City, Mo., August 14. Essay on Plum Culture.

Plum culture has, until the last few tion at Kansas City. vears, been rather an unsafe branch of We are glad that we can take with us fruit culture, for two resons. First, be appointed to make arrangements with "draw" from a canal or river; in the well is surer basis, and has a brighter future opened before it, by the recent sale of a and second because the crees of nearly all the finer the Bismarck fair in regard to an explanation; if satisfactory the society will be a few tolerably good crops, then hibition; if satisfactory the society will be a few tolerably good crops, then water ascends to any your vines will decline in vigor one by anoth-height desired. opened before it, by the recent sale of a and second becase the cuculio destroyed make a show there also. large share of the college lands, and nearly all the fruit, leaving the grower Espeniaub, Goodman, Gano and Rein-

hat its Board of Curators, and espe Chickasaw, Weaver, Miner, Shropshire, of the Missouri State Society. cially Maj. Rollins and the executive Damson can be root grafted on small committee, always had the will to do yearling peach stocks, they thus grow Boston, to the National Pomological their utmost, and as the means will be from two to four feet the first season. Society, Maj. Ragan will be there with the recently demonstrated fact that a dead at their disposal, we think the active and at one or two years old can be some specimens of fruit. You will see experimental policy will be vigorously planted in the orchard at from 15 to 20 that our society is alive to its work, and successfully pursued, which has feet apart, even 25 feet is not two much and we are at it as hard as ever. already brought Missouri and its Agri- for Wild Goose. Grafting thus on peach cultural College to the front in actual roots is no objection, as the whole results. And if the people will but length of the graft is set under ground. a plate of each of the following named: rally to its support, and urge the next and will make its own roots in a few Legislature to put up such buildings years, making the tree as durable as if and improvements as are imperatively worked on plum stocks, while the Goodman. Collections—Apples, Gano;

And so, kind readers of the RURAL, I can't see that the plum requires any

The trees should be cultivated liber-

COL. COLMAN: I send you our redrouth, especially Wilson's; his are still looking well. He attributes it to the land being subsoiled sixteen inches pays to do it.

Stone fruits. Only a few cherries and a good crop of Wild Goose and Mines. Mr. Baylis of Lee's Summit had

tree resembles it, good bearer and har-Miner's Prolific have gone through the dy, called Ostina. Holsinger says take tution within its borders. But we be- severe drouth and scalding hot winds E. Richmond, Eng Morello and Ostina, and you have all the cherries you may

> Orchards. Gano says the dry weather has injured them very much, the fruit is small and not growing any, but few trees have anything of a crop.

> Grapes. G. W. Hopkins thinks we better dig up one-half of our Concords

Espenlaub did not summer prune and is satisfied it is a benefit. They do not have enough leaves to cover the Ragan thinks better hold back and

will get better prices. Evans says Telegraph is one of the

very best early grapes. Vegetables. Bosley reports dead.

Flowers. Ditto.

very many. Entomology. Holsinger says the apple tree borer was never so bad as at commencing as soon as the blossoms present. Everyone should examine his trees; you will find them full. Has found as high as twenty in one tree, are loaded with fruit. The first that ripenquite small yet. It will not hurt the ed were somewhat imperfect and tree much to get them out now but tree much to cut them out now, but

Codling Moth has been very plenty; can catch them with bands or rags in

Subject for meeting is the plum. Es-

very much damage.

say by Espenlaub, which I send you. On motion the next meeting was postponed to the 4th Saturday in Septo make a show of fruits at the exposi-

The president and secretary were

We will also have one delegate to stunted for years.

We had an addition of ten new members this meeting, our premiums were App les, Evans; Grapes, Evans; plums, Gano; Crab, Holsinger; peas. and improvements as are imperatively worked on plant stocks, demanded by the growing wants of the peach root will give it a strong start grapes, Espeniaub. Hand and table boquet, Bosley. Sales of fruit by auction of the peach root will give it a strong start grapes, Espeniaub. Hand and table tion after meeting brought \$9.40. L. A. GOODMAN, Secretary.

### Peach Trees from Healthy Seed.

The very short life of the peach tree and the frequent failure of the crop by The trees should be cultivated liberpathy with the advancement of agriculture, and work for it more zealously, if not always well, than the one who
will be "o'er the hills and far away,"
when this reaches you in your homes.

The trees should be cultivated liberand the frequent fainte of the crop by
the late spring frosts has made the
becomes one of the bunches then
culture, and work for it more zealousgust so they will have plenty of time to
peach crop one of very great risk,
Nurserymen and peach growers should
be view in vine culture. As a general rule it is sate
to cut off one-third of all the bunches
for the coming season, and the frequent fainte of the crop by
the late spring frosts has made the
becomes one of the most beneficial practices
in vine culture. As a general rule it is sate
to cut off one-third of all the bunches
for three coming season, and the same number
of canes, designed for spurs, cut back to two
for three coming season, and the same number
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to cut off one-third of all the bunches
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of canes, the coming season, and the same culture, and work for it more zealously, if not always well, than the one who
will be "o'er the hills and far away,"
when this reaches you in your homes.

When this reaches you in your homes.

The first of Authe lates spring reaches to right to right to right the lates spring reaches to right the reaches the right than the lates of Authe lates spring reaches than the lates spring reaches the right than the lates of Authe lates spring reaches the lates than the lates of Authe lates spring reaches the lates than the lates of Authe lates spring reaches the lates spring reaches spring reaches the lates spring reaches spring reaches the lates spring reaches spring reaches the lates spring reaches the lates spring reaches spring reaches the lates spring reaches spring reaches the lates spring reaches the lates spring reaches the lates spring reaches spring reaches the lates spring reaches the lates spring reaches spring reaches the lates spring reaches spring reaches the late when this reaches you in your homes. May they be as cheerful and pleasant as they can be made in this drouthy State; and may your coming years be more plentiful than this has been. This is the heartfelt wish of GEORGE HUSMANN. Columbia, Mo., Sept. 2.

About Going to California.

Prof. Husmann, I cannot refrain from thanking you for the splendid account the second the demand was not supplied. Later in the season they sold as low as 75c, per box. Plums can be shipped the growing fully early and as fifty years, and have no yellow and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the peach, in which I called the attention of those growing fruit trees to get their seed from \$2 to \$4 per bushel. The first season came from Tennessee and Ar kansas, and brought from \$175 to \$2 among the native seedling trees. Orchange of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from distance of the country where the trees have no yellows and are free from secting and the deal of the country where the trees have no yellows and are free from the above no yellows and are free from secting and the cou thanking you for the splendid account you have given of your trip to Califor-the one-third bushel box makes the best fled are they of the superiority of the nia, and as I intend to visit and perhaps locate there shortly, and am anxious to get all the information I can concerning it if it is the concerning it if it is the concerning it is it in the concerning it is in the from yellows and thus give the country a new and healthy start in their fruit

ly.-Philadelphia Weekly Press.

#### Orchard Culture.

A practical fruit grower gives the port for the month of August. Society following as his system of orchard met at the residence of F. Holsinger, management: In three years I im-We had an unusually good meeting and proved the production of my fruit pends." were present. Meeting called to them in the following manner: I first Recorder says that all who have grown the matter of course, you select the most vigor also good dinner, about two hundred trees from 15 to 200 bushels by treating were present. Meeting called to them in the following manner: I first order by the president, J. C. Evans, minutes read and approved. Reports fall I plowed the soil as well as I could, of committees: Hopkins reports many strawberry patches as ruined by the furrow toward the trees. As I worked from them I let the plow fall a little lower, and when between the trees I allowed the plow to run deep, so that deep before planting, is satisfied that it the water would settle away from twell and marked out hills, manuring each hill. I planted corn and beans and pumpkins. The following spring I repeated the same cultivation, and beans and harvested a nice crop of him \$10 per tree, Gano thinks the Miner fully equal to the Wild Goose. Ragan says that at Cadwallader he saw some English Morello cherries that were very full and fine; thinks them profitable. Espenlaub spoke of a new cherry full and fine; thinks them profitable.
Espenhaub spoke of a new cherry large but rotted badly. I made up the loss, however, by harvesting 200 bushels of large fruit. I change congratulated. They make good ness good ed the production of a yellow belleflow er tree from three-fourths of a bushel to seven bushels, and sold them for \$1.25 and old folks, too. The soid of ripe fruit is per bushel, which I think a very good said to be at antidote for worms in children, ence. I am of the opinion that most trees have too much top for the amount of roots, and a deficiency of nourishment for producing a developed fruit.

I like fall or winter pruning. Always

I to from a not the opinion that most ples to eat are never troubled with them. Baked apples and bread and milk furnish a repast good enough for anybody. There are some persons that like milk, but it does not digest well. It forms a curd in their A Good Plum Crop.

suds on the plum trees last spring, as by every farmer. you directed in your catalogue, with perfect success. The curculio invariably takes the plum. Here the trees are loaded with fruit, but fall to the ground before they ripen. I used one large Ornamentals newly set have suffered spoonful of crude carbolic acid to one badly, many dead, should be mulched wooden bucketful of soapsuds, stirring and well watered. Drouth is killing it thoroughly and then dashing it up through the tree with a tin-cup. I did

one wooden bucketful that was entire after they get in deeper they will do ly rotten, after which they ripened icely; were entirely free from worms or other blemish. I picked six wooden bucketfuls of fruit from those two trees and they were delicious. No birds or anything to disturb it while ripening. Well, yes, it tempted the children

### Horticultural Notes.

A very ingenious instrument has been pat postponed to the 4th Saturday in Septented, osteroid tember. By motion also it was decided canal or river to a certain height, and so enabling vineyards to be flooded in autumn thus destroying the phylloxera. The inven-

however, one of the best ways of making it

The Gardener's Monthly calls attention to living one. It is one of the most import

much growth.

No orehard or fruit garden can be said to been shortened to the proper length) will be be well managed if summer pruning is neg-lected, for the strength and vigor of the removed. And what more must be done? trees, bushes or vines, will be wasted in making superfluous wood instead of forming even leaf should be allowed to grow unless it fruit beds for next year's crop. It is better answers a certain purpose. Therefore, as to pinch off a tender shoot than to let it besoon as the forms are clearly discernible, you to pinch off a tender shoot than to let it become a strong branch, needing the application of the knife, or it may be the saw. The lold proverb which says "as the twig is bent the tree is inclined," is very expressive. If we wish to obtain well formed trees, we must the forms will come forth; these also must be circum and the tree is inclined. begin in proper time and bring them into be shortened, but one leaf left. The same

me or the readers of the Rural World for many will be glad to know) the cheapest way to get from St. Louis, or Kansas City, to any point in southern California between San Diego and Los Angelos. Hoping you will favorably notice this, I beg to remain, Lebanon, Mo.

F. S. Clark.

Repl.y.—The best route to southern Repl.y.—The best route to southern California will be by the south Pacific route and the cheapest way is to procure and in the spring the bodies are washed an emigrant to the readers of the Rural World for many will be glad to know) the erably inclined to rot.

G. F. Espenlaus.

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G. F. Espenlaus.

An extensive apple grower cultivates his or eight years after planting. An extensive apple grower cultivates his or eight years after planting. The free circulation of an erably inclined to rot.

G. F. Espenlaus.

An extensive apple grower cultivates his or eight years after planting. The free circulation of an erably inclined to rot.

G. F. Espenlaus.

An extensive apple grower cultivates his or eight years after planting. The free circulation of are provents the dew and therefore the from destroying the bloom and the young peach. Never plant an orchand annually enriched with good stable manure and in the low valley. There are orchands and the cheapest way is to procure and in the spring the bodies are washed the valley fail frequent by the south Pacific and in the spring the bodies are washed the valley fail frequent by the south Pacific and in the spring the bodies are washed the valley fail frequent by the south Pacific and in the spring the bodies are washed the valley fail frequent by the south the late is not to rob the vine of its necessary for the late frost in the sum of the sum of the sum of the spring the beasending, and on the very mountain top wool is alone formed by despending, the wool is alone formed by the south from the late frost in the spring the wool is alone formed by despending, and on the very mountain to pround and the tree can only be re-covered with healthy, new woo prune in such a manner that no portion of the them up and watch the forthcoming of an amputated or dead branch shall be left on the trunk. The cut should always be the whole season exactly like those of the DANIEL F. BEATTY, Washington, N. J. 48-58

dumplings, and are good stewed, baked and raw. They are healthy food for children and old folks, too. The acid of ripe fruit is said to be at antidote for worms in cultures, and that children which have plenty of apples to eat are never troubled with them. My sickness had lasted seven years, one of which I was in bed. After taking one bottle I was able to be about the house. cover the cut with grafting wax or a stomachs. If, however, they will use baked thick paint. After removing the limbs or stewed apples with their milk, they will by thinning out the center of the tree it experience no such trouble, as we have has a tendency to grow broad. Too learned by experience. The juice of the many varieties are had. ation of the curd, and the food taken is easi-A Good Plum Crop.

If y digestible, healthful and nutritious.

C. Parenteon, of Ill., tells in the Fruit

Nearly all kinds of food are digested easier Recorder how he saved his plums as if fruit is indulged in at meals. The chespness, healthfulness and nutritious quality of follows: I used carbolic acid and soapfruit, should recommend its careful culture

## Che Pinepard.

Treatment of the Grape.

EDITOR RURAL WORLD: Referring to an article "Summer Treatment of the Grape" in No. 31 of this paper, I wish to submit the following remarks.

Viticulture may be carried on in different

ways. Grapes can be gathered in the primitive forests, and thus you may raise that luscious fruit by planting a vine near to a boxelder or a black-haw tree and letting nature have her own way, while you confine your interference to the least possible amount. Or you have concluded that some labor and care ought to be devoted to grape growing; von plant your vines (probably Concords) in you plant your vines (probably Concords) in the ordinary way, trim them according to a certain rule, perform also some summer pruning by pinching off the frurt branch rule, st. and the permanenty. Apoly with phoye the second or third leaf bayond the above the second or third leaf beyond the ground you roughly plow once or twice, not sonable price caring for the tearing of the roots and roottion can have other numerous applications; a lets; of manuring you think not-may the vines help themselves as best they can. You American Grape Growing Watch newly planted fruit trees. If they will not pay even for the little labor devoted nd try the following treatment:

Keep the ground around the stalk clean and loose by several hoeings during the season. The whole ground should be thoroughbranch on a tree makes almost as great a ly worked to the depth of 5 or 6 inches once strain on the main plant for moisture as does in two years, with a four pronged spading fork, care being taken not to injure the roots, and dig in as much as possible of deto the practical horticulturist, as by this knowledge he can save many a valuable tree. cayed matter, also ashes, smashed bones, and knowledge he can save many a valuable tree.

When one has been transplanted some roots get injured, and the supply of moisture in the best cases is more or less deficient. Any dead branch or any weak one, should therefore be at once cut away.

There is a difference of opinion among practical gardeners as to the value of summer pruning of grape vines, but here's the logic of it in a nutshell: In a state of nature the plant's object is to perfect the seed. But we do not care about seed, we need pulp, or at least the delicious flesh which surrounds the seed. By lessening the amount of seeds we increase tho succulence of the berrown for the coming season, and the same number for the plant's hong of the bunches then becomes one of the public, and are now prepared to the public, and are now public, and are now public the public, and are now public the public, and are now public, and are now public the public, and are now public, and are now public the public, an we want to remain; but the superfluous ones ing none to grow except from the eyes of the should be taken out before they have made bearing canes and spurs. But not all the shoots from the former (which ought to have

the proper shape by proper pruning. The formation of low branches should be encouraged in fruit trees for the double purpose of having the fruit within reach and shading the stem from the rays of the sun.

Description of lear left. The same process must be repeated, then the eye of the lateral will produce a new shoot. Thus you will have an excellent protection for the growing fruit by two or three highly developed leaves near to the grapes, and no particular to the grapes, and no particular to the proper shape by proper pruning. the stem from the rays of the sun.

In a French work on pruning, translated by Prof. Sargent, the following role is given:

"Their system is based on the fact that, as wood in slove forward by the fact that, as the first system is based forward by the fact that, as the first system is based forward by the fact that, as the first system is based forward by the fact that, as the fact that, as the first system is based forward by the fact that, as the fact that, as the fact that the fact th

made close to and perfectly even with the fruit branches. This is a matter of the outline of the trunk, without regard to the greatest importance, as the bearing canes size of the wound thus made. This is the are considerably weakened by the laterals; essential rule in all pruning, and on its observance the success of the operation demay shorten and permit 3 or 4 laterals to success with Peaches.—Purdy's Fruit better fruit than from the main vine. Ass

mixed in) put on the body and limbs. Our procedure, and you will be astonished. It is experiment was to cut limbs off from the old for you to decide whether or not this greatthem in the spring. hauled a fair quantity of coarse manure, pulverized it well and marked out hills, manuring each hill. I planted corn and beans and pumpkins. The following spring the new growth had a load of large, loseious loys and adroit girls; they will learn to like the warpen and pumpkins. The following spring the new growth had a load of large, loseious loys and adroit girls; they will learn to like lose that were yielding very small fruit. We threw around under the tree plenty of manure, and worked up the soil, and last year logs and adroit girls; they will learn to like lose that were yielding very small fruit. We than the ordinary slovenly treatment.

Warren county, Mo.

#### Taken Out of Bed.

Dr. R. V. PIERCE, Buffalo, N. Y.: Dear Sir-I have to thank you for the great relief

Respectfully,
AMANDA K. ENNIS. Fulton, Mich.

T. S. HUBBARD, Fredonia, N Y

34-19

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last "form" (embryo grape), and perhaps ty- Strawberry - Raspberry, Blackberry and Currant plants for sale at reaces; all the leading varieties. 8-SAMUEL MILLER, Bluffton, Mo.

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GEORGE HUSMANN, Columbia, Mo.

Geo. Husmann, Professor Pomology and Forestry. G. C. Swallow, Dean Agricultural College. NURSERY OF THE

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GEORGE HUSMANN,
Supt Department Pomology and Forestry.
Columbia. March 15th, 1881.

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TTY-FOURTH YEAR

#### COLMAN'S

RURAL WORLD

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intising: 25 cents per line of space; re-on large or long time advertisements. ess NORMAN J. COLMAN, Publisher, e Street, St. Louis, Mo.

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Our readers will see "\$15 worth of books" advertised in this paper. To any one who will send us eight subscribers for one year, we will send, without charge, the \$15 worth of books as a premium. How can any one get a small library cheaper?

The eastern papers are opening upon glucose and advising its suppression

where F. A. Waidner & Co., start their sugar works this week.

By notice published in another column it will be seen that the next annual meeting of the Missouri State gencies. Grange will be held in Jefferson City. on the 18th day of October.

the RURAL WORLD office a call on his ural College and editor of the Hortiway to the meeting of the Mississippi cultural Department of the Rural made to J. B. Wilder of Louisville, valley Horticultural Society and the World, has quite suddenly and rather says: While here, Mr. Wilder purchas-American Pomological Society.

The Chicagoans are bragging very certainly be the inauguration of a very well refuse them, and he has left the important series of exhibitions of live stock and agricultural implements.

mann's farewell to his readers, the by his removal, for he was always printer made a most provoking mis- ready with pen and tongue at the sactake by using the word gun instead of rifice of time and money to aid them. ceived in St. Lous are clings. At least all the blunders, etc. It is probable pen, but almost any one would natural. No man in the state will be so much two thirds of the demand is for free that I wrote "inferior," but if I did, I ly detect the error.

plies en route for New York. Several trust that he may still find time to com-

Dr. S. S. Laws, President of the State for him. University, Prof. S. M. Tracy, professor of Horticulture in the Agricultural College, Maj. Z. S. Ragan and M. G. Kern, the well-known landscape gardener, gave the RURAL WORLD office a visit a day or two ago.

California has been greatly benefitted by the failure of the fruit crop in the States. She is now receiving very fine prices for her pears, grapes, plums and quinces in the principal cities of the country. St. Louis is receiving her share, and paying fancy prices for them.

Col. Colman, of the RURAL WORLD, left vesterday for Cincinnati to attend the meeting of the Mississippi valley Horticultural Society. From there he will go to Boston to attend the meeting of the American Pomological Society. He will probably be absent two or three weeks.

Fairs all over the country are this year a vain and empty mockery. The chances are that if a respectable showing of fruit and vegetables was gathered together anywhere, that there would be a baker's dozen of restaurant or hotel keepers wanting to outbid the other for possession.

"The times are out of joint" to a certainty; here we are approaching the ders above all other large cities. middle of September and the air when it moves is like that blown off a fur- northern and eastern seaboards by a nace, while the thermometer is up to varied and extended line of trunk railan average of 98 degrees and the green ways making prompt and safe connec- Foresty, which was under our charge, earth is a sort of rusty brown and act- tions, while by the Misssissippi, there ually panting for rain.

this market at present are from Tennessee, but they are mainly seedlings, inferior in quality, and net the growers Louis did not long ago, take the lead in in the course of studies, nor in the nurbut very little. With new dried peaches manufacturing and trade interests. sery, which we trust will be carried on selling at 9 cents per pound, the in- Those who know the staid conservative as vigorously as ever, as a complete ducement to dry are sufficiently en- method of business existing here do system of irrigation will be introduced. couraging to keep most of such fruit at not wonder, St. Louis has not hereto and the utmost care exercised to make

sun and winds evaporated the moisture energetic rivals have been eager to seize.

Manufacturing has long been profitable are feeding stock as regularly now as in mer, and there is hardly an establishment. The pastures are burned out. We still urge farmers to sow rye orders than it could fill for a long time for pasturage to help along their stock past. These establishments are range seldom care for it, however, a dry year, in the matter of a "water to limit of the Blood, Ridneys, Liver, Skin, etc.

Unroc's Catarrh and all sides of the mucous membrane in the will devour it with avidity. Fowls enjoying that region much better prepared for a dry year, in the matter of a "water order to limit of the Blood, Ridneys, Liver, Skin, etc.

Ourno's Catarrh Snuff cures Catarrh and all affections of the mucous membrane in the will devour it with avidity. Fowls enjoying that region much better prepared for a dry year, in the matter of a "water order to limit of the Blood, Ridneys, Liver, Skin, etc.

Ourno's Catarrh Snuff cures Catarrh and all affections of the mucous membrane in the will devour it with avidity. Fowls enjoying that region much better prepared for it, however, a dry year, in the matter of a "water" order to limit of the Blood, Ridneys, Liver, Skin, etc. for pasturage to help along their stock past. The

scription in a short time.

can be seen the discolored, half grown, existing. as an article of commerce.

Mr. C. M. Schwarz of Edwardsville, Ills., called at our office on his way to Hoopston, Vermillion county, Ills., realed at our office on the would prove highly remunerate the first sunday in the little and adjacent country; and sometime as an article of commerce.

We look upon the later progress in this we done until after the September rain. The drouth of the business conservatism, which the water. The past two to four miles for water. The past two to fou should profit by the lessons and ex- ism. perience of the dry season passing away, and should be prepared to act intelligently in the future in such emer-

As will be seen in another column, Geo. Husmann, Professor of Pomology M. F. Markle, of Hazen, Ark., gave and Forestry in the Missouri Agricultunexpectedly resigned his possition in both places and removed to California. Such inducements were offered him to heavy on their coming fair and it will remove to California than he could not state which he has labored long and this is, perhaps, the best bred lot of subject of study. But that is not what faithfully to develope and populate. In the last paragraph of Prof. Hus- terests of the State will seriously suffer that you will have the pleasure of see- "In a dry season, etc., or hard grass is departure is a great loss to the state. be served thereby. In Jersey City last week the Board We hope all his expectations in his new of Health made a raid on the milk sup- home may be more than realized. We general impression is that it "served the will always be glad to hear from him. There will allow.

They will always be fluence of the malarial poison which infests the vicinity of the White House ter of a century ago, the dry year 1854. Were they permitted to hop about for ways be a welcome space in the RURAL in summer. Accordingly, as a last re-

### MANUFACTURING IN ST. LOUIS.

The most casual observer in and about St. Louis, can take in at a glance the fact (using a common place expression), that St. Louis is taking on a boom in the manufacturing business. If the in the manufacturing business. If the change being for the better, the chief said casual observer would take in at change being for the better, the chief the same glance the elements that are danger resting in the journey. he would not find the same advantages cultural and Mechanical society, you and combinations which mark St. Louis are respectfully invited to attend our fair respectfully invited to attend our fine and society.

It is the center of production for all food products. Whether it is or not, labor can be fed in St. Louis cheaper ciety at Boston which is held at the stagnant water from pools in Fox river. Around and near it in all directions.

are unexhaustible supplies of iron, coal, timber and textile products. The climate in the higher temperate

labor the winters and summers being only exceptionally cold and hot. In health, the city stands head and shoul-

In transportation it can reach the your exhibition. is a cheap outlet for the supply of the of Prof. S. M. Tracy, and orders for nur-

The bulk of the peaches received in and the heavy export trade abroad. fore fallen into the line of progress. If this the most extensive and reliable has reposed upon its natural advan nursery in the State. Address orders And still the drouth and heat continue tages, and has not sought the fields of to Gen. J. B. Douglas, Columbia, Mo., who is an old and experienced nurserywithin the past two weeks, but the hot iness extension, which more active and man, and will give them prompt attensun and winds evaporated the moisture energetic rivals have been eager to seize.
nearly as soon as it fell. Many farmers Manufacturing has long been profitable

We would be glad to have every they have not cared to advertise; they reader show a copy of the RURAL have merely drifted along, while orders land will gladly pay \$1 a year for such us, and abroad. It was even a difficult souri?" turns.

ishing the country, the subject of irri- as to facilities and market, have become ure. Having a small lot of a choice the will be sown the coming season. gations looms up as a very important known, and now the casual observer variety of St. Charles county corn, I Corn is the great staple here in the and most of them a number of times one. Had the subject been better un- can see springing up throughout and cultivated it unusually well, and to lay Arkansas valley, and can stand any We give first the sign and the number derstood and carefully considered by contagious to the business portions, it by nicely, I run a cultivator through amount of dry or wet weather. It is of failures in two months, that we have farmers, thousands of acres of fine corn great establishments for new industries it when the ground was very dry, just estimated that twenty-one inches of kept our record. We propose keeping might now be maturing, where only and enlarged ones for those heretofore as it was beginning to tassel. It liter- rain have fallen since the middle of it up some time longer to give all signs

blighted, stunted stalks that are almost To-day there is a good field for the in- stalk saved. The general crop, on land is injured by the wet weather. The If the sun sets clear on Friday night worthless. Corn fields dying of drouth vestment of \$50,000,000 in St. Louis, in a from which, at planting, I anticipated greater portion of the year is dry. it will rain before Sunday night. Failed for instance for hundreds of miles score of unrepresented industries, be- seventy-five bushels to the acre, did not Storms here are generally very violent, four times. If the sun sets behind a along the Mississippi banks with an sides those the capacity of which might grow enough of corn to pay for husk-accompanied by such vivid flashes of cloud Wednesday night, it will rain beabundance of water in sight, present be doubled, with profit to the proprie- ing, and I cut and fed it in the stalk to lightning as make the soul recoil itself fore Friday night. Failed three times a picture that does not speak well for tors, and greater advantage to the city sheep during the winter 1854-'55. Cat- in awe and horror. The rainfall at one If it rains when the sun is shining it the intelligence or enterprise of the and adjacent country; and somehow as the in many cases had to be driven shower is not uncommonly six or sev- will rain the next day. Only one trial by irrigation this season, but farmers might more properly be called old fogy-

> Have you plenty of wells on the be permanent. Plenty of water is indispensable on the farm.

Mr. Wm. Crozier, of Northport, L. I. in speaking of the sale of Jerseys he prices, that of 1856 running up as ed from me, the pure Alphea Bull, Polonius Rex. with two pure Alphea Cows, two heifers of the same strain as quotation is studied, the truer it will Jersey Belle of Scituate, also several of be discerned to be. And I throw it in Jerseys ever sent into Kentucky. I I am going to write about. In my last hope that they will arrive safe, and alfalfa notes, the types made me say

missed at our annual gatherings. He stones. It should be the aim of the wished it to be understood in the Irish possessed a large fund of information, producer to supply the demand and sense of exactly the opposite of what very useful man to Missouri, and his both the consumer and producer will yes, I might be able to give you some— ing the corn, but doing it no serious

### The President's Condition.

For a long time it has been evident it is surprising how few persons there way. sort, he was removed to Long Branch on Tuesday, the transferral being suchouse of Doan, King & Co., of St. Louis.

The prevailing winds are from the outbound of the prevailing winds are from the continuous year, they with overenjoyment, no doubt.

The prevailing winds are from the continuous year, they will not be a continuous year. cessfully accomplished, without acci- In making a trip from Warsaw, Ills, southwest, which never bring rain.

made for attending the Pomological So-the people for the most part were using than at any other point in the world. same time of your fair. If anything Mr. Pierce, the landlord of the hotel should occur to prevent our visit to there, had a well and it still had a lit-Boston, we will take great pleasure in the muddy water in it, but the aftervisiting your fair. We enjoyed a very noon I arrived there it had all turned pleasant visit there last year and hoped zone, where it lies, invites to perennial to be with you again this year, but now fear we will be unable. Please express our thanks to your board of directors for the honor of the invitation and our regrets for inability to be present at

Notice. The Department of Pomology and has been placed under the supervision tributary communities of the south, sery stock will be entered and filled, if full of stone lime—hence the whiteand the heavy export trade abroad.

In looking at these things the wonder with the casual observer is, that St.

This change will make no interruption ture equal parts laudanum and cam-

The Greatest Drouth Since 1850. Col. Colman: William Davis, of

ally burned up soon after and not a June, and yet no corn that I have seen a fair trial. covered at least 150 miles in width across the State.

The winter of 1854-'55, though not unusually long, was very severe during never fail, no matter how dry the clouds are very red in the morning it part of the season. Some time in the weather or great the demand made us farm? If not now is the time to dig first half of January, one of the worst them. If water is obtained now it will storms and the deepest falls of snow occurred that I have seen in a residence of 32 years in Missouri. But we had magnificent crops of wheat in 1855 and 1856, to recompense us for the drouth of 1854. Both crops brought good as \$3 per bushel at one time. St. Louis, Sept. 4, 1881.

#### "All Flesh is Grass." COL. COLMAN: The more the above

am not going to blow up your compos-Fully two thirds of the peaches relitors for I know they do not commit but mind, you cannot have any choice I was collecting that year for one continuous year, they would die rary county-seat of Schuyler county, I rent of air flowing in opposite direcinquired of J. M. Fisk, who was then tions. and combinations which mark St. Louis asthe greatest of manufacturing cities in the coming years, when time and progress shall have wrought out these legitimate results. There is no other place on this or any other continent where these combinations exist as they do here. Let us consider them for a moment.

The fair grounds at the other some two and a half miles to a hole where there was said to be ence of days, please let us know, other water. That night at Lancaster, the wise we will suggest a day. Let us hear from you.

D. P. Wood, Pres. Franklin Co. A. &M. Association.

REPLY—Our grangements are espectfully invited to attend our fair, and deliver an address. The fair is to be held at the fair grounds at the whorses from the carriage, and hired a boy to ride one and lead the other some two and a half miles to a hole where there was said to be water. That night at Lancaster, the water was given to the two horses and no more could be had. At Waterloo, the made a suggestion which I followed. I took my horses from the carriage, and hired a boy to ride one and lead the other some two and a half miles to a hole where there was said to be water. That night at Lancaster, the then new county seat, a bucket of water was given to the two horses and no more could be had. At Waterloo, the made a suggestion which I followed. I took my horses from the carriage, and hired a boy to ride one and lead the other some two and a half miles to a hole where there was said to be water. That night at Lancaster, the then new county seat, a bucket of water was given to the two horses and no more could be had. At Waterloo, the made a suggestion which I followed.

They looked like snow flakes flying the other carriage, and hired a boy to ride one and lead the other some two and a half miles to a hole where there was said to be water. That night at Lancaster, the water was given to no more could be had. At Waterloo, REPLY.—Our arrangements are all the old county seat of Clark county, to white wash, and so could not be drank. This was no miracle. It happened in this wise. A few weeks be-fore Mr. P. went down to Canton and bargained for a cook at \$800 -but cook liked her old master and took to the woods for the purpose of preventing the "delivery of the goods." Here was a dilemma. Mr. P. wanted a cook and the seller wanted the money. A com-promise was effected by Mr. P. accepting a field hand wench at \$600. This ing a field hand wench at \$\text{poot.} Albert creature Mr. P. had told to put some lime in the well and clear it, meaning she should put in a piece the size of his fist. She douced down a bucket phor, but was scarcely able to drive to the river the next morning. There was a tramp there—not known by that name then however—but a wanderer on foot, such as collectors were quite chary of giving a seat in their buggies, but after consultation with landlord Pierce, a ride was offered on condition tramp would drive for me. He proved

Crop Notes from Harvey County, Kan.

EDITOR RURAL WORLD: The out-World to his friends and neighbors, to the extent of millions of dollars from Gallatin, Mo., in your issue of the 1st look of farmers in this section of the and get them to subscribe for it. It this region, naturally tributary to the inst. asks: "In what year since 1850 country is promising. Heavy rains set kind, and still less of weather signs, seems to us that every farmer in the St. Louis trade, went north and east of did the greatest drouth prevail in Mis- in about the middle of June and con- and hearing of quite a number of signs tinued at reasonable intervals till the that never failed, we determined to a paper. There are fifty-two copies a matter to get from the manufacturers, In answer, I would say in 1854. I first of August, bringing corn out contest at least for a time all the signs of year, and the cost is less than two the statistics of business to show what was engaged in farming in Pike county, siderably ahead of an average. Wheat the weather that we could hear of and cents a week. If our readers will make the trade of St. Louis actually was, in Mo., in that year, and remember that came into harvest looking well, but the see how many failed. We ought to say a little effort, they will double our sub- order to prepare the proper census re from June 16 to September 20, not heavy storms destroyed much of it be- that perhaps this is an extraordinary enough of rain fell at any time to lay fore it was cut, and damaged a good season, one of very severe drouth, and This condition has changed. Capital even a light dust. The wheat crop was deal of that which was cut and stacked. this may in a measure account for the In view of the prolonged drouth that is coming here for investment. The fair, oats very good, but corn on the The general cry is, wheat is not profita- very many failures we have chronicled is still devastating crops and impover- extent of manufacturing capacity both uplands was an almost absolute fail- ble to raise here, and comparatively lit- Be this as it may, so far every sign has

> lates, influencing the soil to a great ex- month it will rain every Sunday in that tent. The pumps are all driven and month. No trial. If the sky and weather or great the demand made up- will rain before night. Failed twice on them. Corn now is green and fresh, No dew in the morning, rain that day. giving this valley an attractive appear- Failed nine times. Charge of moon is ance to those living just a few miles always a sign of a change of weather. out of its limits where things are fast During July this sign came true; at going into the sere and yellow leaf. every change it rained or turned cooler. Corn usually brings, in the fall, twenty- Butduring the last of July and August five cents per bushel. Now many par- this failed four times. Universal disties are anxious to contract at forty play of stars at night, rain in two days. cents, and find few that will take that. Failed three times. Circle around the Wheat is worth one dollar and ten sun, a storm before next night. Failed cents, and rising.

> Watermelons flourish here luxuriant- rain before night. Failed Aug. 19th. ly, and by hauling them ten or fifteen miles out of the valley, good returns trial, and we are inclined to think that are realized.

> Sugar corn grows almost spontane-Sugar corn grows almost spontane- of the moon, as more believe in moon ously, and is hard to kill out after it has signs than any other. been introduced. Early potatoes are the four changes of the moon up to the

the bugs. Though this promises to be the great But since then this sign has failed five argricultural region of the world, it is times in succession. truly an insectiverous country. Insects of all kind abound, the worst of all be-Madison, Ind., is furnishing some gathered by close observation in his study what it is. As a result of this producer to supply the demand and sense of exactly the opposite of what ing the chinch bug. They went out of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry state of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and the chinch bug. They went out of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and the chinch bug. They went out of the wheat in force strong enough to destate of affairs a choice free-stone sells is as superior to blue grass in a dry strong and the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They went out of the whole ing the chinch bug. They we also receiving a good deal from the method of expressing his views on all choice cling. Some reform is necessary, timothy in the same season for hay, tremendous hail storm come, knocking same point. The Madison growers have subjects. Prof. Husmann has been a Plant more free and less clings, and Are you fond of reminiscenses? If them and theirs into smithereens, blad-

injury.
Driving along the road after a heavy how they shall be served up. This season you can only have them broiled. It is surprising how few persons there way. Though they abound in multithousand gallons of adulterated stuff were emptied into the Hudson and the were emptied into the Hudson and the general impression is that it "served Rural World. They will always be fluence of the malarial poison which is thousands of friends that the president could not make any are who are capable of judging of the drouth of this year—1881—by complete the drouth of the drouth of this year—1881—by complete the drouth of the drouth of the drouth of this year. Water is

The most casual observer in and dent or serious injury to the patient, out into northeast Missouri, I found wind is sure to be followed by rain, and

making the city a great manufacturing center, he would not be surprised by the fact. He might look the world over and be world over and be world not find the same advantages cultural and Mechanical society volume to same advantages.

Invitation.

Col. Col.Man: In behalf of the directors of the Franklin County Agri-ville, Iowa, as to any probability of day flying through the air, though only certain and mechanical society voluments. getting water for my horses. In reply a straggling few stopped, and they were he made a suggestion which I followed. They looked like snow flakes flying

> ing-down seemed as if it would kill me; my habits were very irregular; nothing seemed to benefit me until I tried Brown's Iron Bitters. They acted like a charm, and now l enjoy perfect health.

"If a manufacture be established in any rich and tertile county, by conven-ing a number of people into one place who must all be fed by the farmer, with out interfering with any of his necessary ry opperations, they establish a ready market for the produce of his farm and thus throw money into his hands, and give spirit and energy to his culture." "To aim at separating the interest of manufactures from that of agricultural is like endeavoring to separate the shad-ow from its substance; and every attempt to do this, as it is at the time foolish and unjust, must end in the disappointment of its projector, and prove detrimental to the interests of those very persons it was most intended to serv

### HENRY'S CARBOLIC SALVE.

The best salve in the world for cuts, bruise sores, ulcers, Salt Rheum, Tetter, chapped hands, chilblains, corns, and all kinds of skin eruptions, freckels and pimples. The salve is guaranteed to give satisfaction in every is guaranteed to give satisfaction in every case or money refunded. Be sure you get Henry's Carbolic Salve, as all others are but imitations and counterfeits. Price 25 cents.

DR. GREEN'S OXYGENATED BITTERS

an honest fellow and brought me safe-is the best remedy for Dyspepsia, Bilionaness ly to the Mississippi and on the ferry Malaria, Indigestion, all disorders of the stom-which soon delivered me at my home on the Illinois shore. That year water condition of the Blood, Kidneys, Liver, Skin,

Do all Signs Fail?

EDITOR RURAL WORLD: Not being very much of a believer in signs of any failed that we have kept any record of

July 20th. Rainbow in the morning

In several cases we have had but one hardly a fair test. We are more par-ticularly interested about the changes

good, but the late ones are eaten up by the four changes of the moon up to t er with a shower of rain at each change.

COL. COLMAN: Weather still very warm and dry. Everything seems burnt up. Farmers are nearly through cutting up corn fodder. Corn was badly damaged with chinch bugs and drouth. Wheat yielding very poorly, thing as we have this year. getting scarce, and unless we have rain soon stock must suffer severely. Chinch bugs are damaging sugar cane to a considerable extent. N. J. SHEPHERD.

Miller Co., Mo., Aug. 27, 1881.

### "It Always Does,"

KIDNEY PAD Co., Buffalo tlemen-The Pad purchased of you gave immediate relief, and ultimately cured me of a

kidney affection of long standing.

John B. Heil, Bellaire, Ohio. \$2, of druggists or by r (cures "bed wetting") \$1.50. mail. Children's

## Pen.

Swine Notes,

Certain breeders at Rushville, Ind. gave their method of ringing pigs that with four years' trial, has proved far superior to the old method. Rings should never be put in the gristle, and to obviate that they put the ring in laterally, like a bull ring, instead of vertically. The ring is put in the vertically. The ring is put in the skin between the nostrils, but never put into the gristle. If by any means it should be too deep in, and feels solid in the gristle, cut the ring out with the nip-ners and put in another that is bears in pers and put in another that is loose in the skin. Then the pig will suffer no pain, will go right off to eating, and the pig or hog cannot root with the ring in

the center of the nose, nor do they ever

tear out as in the old way. Pigs that are to be marketed this year should be pushed hard from the beginning. If allowed to stand still for a day there will be a loss. Ground outs and corn mixed or ground corn. oats and corn mixed, or ground corn with wheat middlings, will make a good slep for the pigs; sacked corn will also be highly relished, and will be found well adapted to keeping the pigs in high dech with a ground well adapted to keeping the pigs. in high flesh; but as soon as the new corn is fairly in milk that will be found the best of all fattening foods. On the other hand, if pigs are to be kept over the winter, there should be stimulating or forcing. Give them the run of a clover field the first summer, with a small allowance of grain.

Virulent smallpox is reported among pigs in certain districts in Canada Our English contemporaries will consider this circumstance scarcely worthy of mention, but an isolated case of sore eyes in a United States pig would be promptly announced and gravely commented on from Land's End to the German Ocean

It is reported that the largest hog in the States is a Poland-China, four years old this spring, lately on exhibition at Junction City, Kansas. His length is 7 feet; girth of neck, 6½ feet; girth of centre, 8 feet; width across the hips, 30 inches; and weight 1.53 rounds. and weight, 1,532 pounds.

Made from Harmless Materials, and adapt I to the needs of fading and falling hair Parker's Hair Balsam has taken

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## Che Cattle Pard.

that he was such; and even if the sel-ler at the time he sells makes such a statement verbally, it is a warranty; to become unsafe. Being without weaenough to let the case go to the jury for them to say whether it amounted to a horns are much more desirable than warranty or not, and they said it did; cows with them.—A. W. Cheever, in and the cow, being proved to be unsound, damages were awarded against the seller. An animal is sound which is free from hereditary disease, is in the possession of its natural and constitutional health, and has as bodily perfection as is consistent with its natural formation. It is free from vice when it has no bad habits that make in dangerous, or that are injurious to its health, their calves were attacked with the districts of Europe. It is the general caused this hot weather by permitting or that in any way diminish its natural caused this hot weather by permitting observation, that a heifer coming at two

many diseases which render horses unsound, but such complaints as chronic asthma, cough which may degenerate that, after all, prevention of this malainto bronchitis, catarrhal fever, thick dy is the only cure worth notice. The wind and broken wind, they are likely disease is known among veterinary sist that shade in pastures is a positive to have occasionally, and these are physicians as inflammatory fever, but disadvantage to stock, hogs excepted, breaches of warranty of unsoundness. reaches of warranty of unsoundness. Lameness, whether temporary or per-manent, is an unsoundness in a horse and would be in cattle. So is diseased A mangy animal is unsound, or one liable to paralysis or rheumatism. And any complaint or accident which has in any way impaired, or is likely to impair, the quality or usefulness of the bull, cow, ox, or calf is an unsoundness.

When sales are made at public auction or privately by printed terms of sale and catalogues, these form part of the contract and will be binding upon the parties. If between the publication of these terms and the sale any accident The animal is being over fed, and is

I have no animal in my whole herd that I should fear to find loose in the stall at night, nor do I hesitate to turn them together in a very small yard for exercise. They play, but never fight, and letting them lie in a short next while they show their each and to breed, would be a fraud, unless they fested in the breeding of hornless dairy to breed, would be a fraud, unless they were sold to a butcher, as every animal of that character is assumed to be fit ters from farmers who have bred polled for the character is assumed to be fit ters from farmers who have bred polled for the character is assumed to be fit ters from farmers who have bred polled for the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht, and the cost of a send of acres have been boucht. of that character is assumed to be fit ters from farmers who have bred polled for the ordinary purposes of its exist-cattle in a small way, and all speak of ence. An affirmation in the bill of sale their peaceful, quiet dispositions, and that a bull was a good and sure breeder especially of the safety of the bulls. these will show that they were thrifty them for life. Then when warm and there, drouth or no drouth, and to stay all my flock. I note the following: A registration of the safety of the safety of the safety of the safety of the bulls. statement verbally, it is a warranty; to become unsafe. Being without weaand if the bull proves on trial to be impotent, the purchaser can in either case fellow any damages he has sustained. A statement made by a seller of a cow "that is the proved and the provided she was all right," was decided to be vicinity is that horns on dairy stock are not difficult to breed off, and that duce 600 pounds' growth the first year other things being equal, cows without than 300 pounds the second year—this

#### Black-leg in Calves.

New York Tribune.

This is the season of the year when murrain, is most apt to attack young required. After many experiments and busy season, and with a little extra care cattle, particularly calves that are at careful observation, the practice of havities possible to do this without injury pasture. An old subscriber at Water- ing heifers come in at two years old is to the sucking colt, but an injury that bury, Vt., asks how to prevent the disease. Most persons would wait till United States and in all the dairying

its appearance among his calves and the time in eating. The answer is twofold need health and strength, as under any those of his neighbors, during the last of Animals need time to digest their food circumstances it is the most critical pe in flesh. This is generally the experi-should be spent by the animal in rest,

law of growth has become familiar to ful help in all kinds of drudgery precent and example. It is therefore very bad economy to feed heifer calves sparingly, as the older they become, the that dreaded disease, black-leg or joint more it will cost to put on the weight

physicians as inflammatory fever, but disadvantage to stock, hogs excepted, or twice during the day, and then upon among farmers in England and our own the s ys National Live Stock Journal, returning allow the colt to fill himself country it is known as black-leg, quarter-evil, joint-murrain, blood-sticking, shoot of blood, black-quarter, etc.

Our Waterbury correspondent says that nearly every year the disease makes

## The Horseman.

Journal, and he will find his most prof- they often find only at the cost of a sands of acres have been bought, and the itable cows to be those of the greatest stumble or fall, resulting, often, in a improvements are begun. In the spring, digestive capacity, and the history of sprain or a cut that injures or disfigures many more will follow. They are going tude to our fellowmen is justly considered an odious vice. but is there not often a strong taint of it in the treatment of these noble animals, to whose faiththe readers of the Journal, both from ers are deeply indebted for full barns precept and example. It is therefore and comfortable homes?

#### Colts Injured by Overheated Dams.

The majority of farmers are obliged to before that in any way diminish its natural usefulness. A cow under this definition could not be considered sound which had aborted more than once or mike from only three teats; nor a bull which had become imported, or from too free use when young failed to serve in two cases out of three. A kicking cow is vicious, as well as on one with her horns.

A their calves were attacked with the disabet, and then write for information observation, that a heifer coming at two years developes into a better cown at the colt to suck while the blood and mike of the dam is heated from hard driving or pulling. It is almost invasion that at the effect of the colt to suck while the blood and driving or pulling. It is almost invasion that the effect of the colt to suck while the blood and driving or pulling. It is almost invasion that the effect of the colt to suck while the blood and driving or pulling. It is almost invasion that the effect of the colt to suck while the blood and driving or pulling. It is almost invasion that the entry development of the milking habit. It therefore becomes imperative that the heifer calves of the early development of the milking habit. It therefore becomes imperative that the heifer calves of the early development of the milking habit. It therefore becomes imperative that the heifer calves of the early development of the milking habit. It therefore becomes imperative that the heifer calves of the early development of the milking habit. It therefore becomes imperative that the heifer of the subtle to suck while the blood and driving or pulling. It is almost invasion from the colt to suck while the blood and driving or pulling. It is almost invasion from the provided for its almost invasion from the colt to suck while the old to suck the instant the ded the enthusiasm of many, and many flowe Cattle, happily are not subject to the many diseases which render horses unmany diseases which render Shade in Pastures.

It take food while in a fevered state, any feed can thus be made successfully. Cotthe intention of withholding the best for ton seed, mill screening and feed of breeding purposes. This is true to a certain

#### Breeding Trotters.

the parties. If between the publication of these terms and the sale any accident occurs to the animal, or if a cow aborts or calves, notice should be given of the fact, or the purchaser may, on discovering the change repudiate the bargain against shade in the prairie regions has physical condition. Onspiring the change repudiate the bargain kept a little short for some weeks, and arisen from the fact that often where both the cogenital and acquired qualities of parents, as is well exemplified in the manual physical condition. Onspiring the change repudiate the bargain due to the manual physical condition. Onspiring the change repudiate the bargain due to the manual physical condition. Onspiring the change repudiate the bargain due to the manual physical condition. On them will succurate the prairie regions has physical condition. On them will succurate the prairie regions as physical condition. On them will succurate the prairie regions as physical condition. On the prairie regions are physical condition. On the prairie regions are physical condition. On the physical condition are physical conditions. kept a little short for some weeks, and arisen from the fact that often where ages, and in certain cases both. In taking a warranty it is safer to have every thing expressed, such as the pedigree, age, freedom from vice, and soundness, which the buyer desires to be assured of; and let the affirmations be positive, of and the fact that often where the fact that often where the some same from the fact that often where the some same from the fact that often where the some same had acquired quality the familiar case of dogs taught to hunt the familiar case of dogs tau

## Of Interest to Wool Growers.

If a seller make a willful misstatement as to the condition of the property, or sell it as other than he knows it to be, or conceals a defect which the buyer could not by examination ascertain, it becomes a case of fraud, and the seller is liable to an action for damages. Concealment of the fact that a bull sold was impotent, or that a cow had ceased to be concealed in the breeding of hornless dairy forced, would be a fraud, unless they would be a fraud, unless they would the a butcher of a perfect of the property of the fact that a cow had ceased for that a cow had ceased for the property of the fact that a co

lands in grass, as will be done in time.

#### The Drouth and Sheep.

The drouth has had a depressing effect upon sheep husbandry throughout this year 20½ ibs.; last year 21½ ibs. Bear the country. While sheep have generin mind, it stood highest as scoured wool. the country. While sheep have generto lay the foundation of trouble than is there is perhaps in America. to-day apparent to the careless herder. have to learn to do on less and will be that furnish us with mutton. surprised that less is better than so

prel before The see ground to be occur.

In sing at auxilion the seers employ—
note of "puffers," or ficilities bidders on the seers employ—
note of "puffers," or ficilities bidders on the puffers of the ficilities bidders of the puffers of the ficilities bidders of the puffers of the ficilities bidders of the puffers, and a size. The owner of an animal solities at a size of the puffers of the ficilities bidders of the puffers of the puf

#### R. W. Gentry's Sheep.

the same. Immense sales of railroad and tered ewe, No. 188 Vermont Register, which other lands are being effected, and at prices I bought of Mr. Jewett at his shearing in satisfactory alike to purchasers and sellers. March 1880, at a high price, had twin ewe Many of these are mineral and timber lands, lambs that season, and has done the same but large tracts have been sold for pasture thing this season. We raised both pairs. purposes than ever before sold in Missouri. The latter pair is by my two-year-old buck The selections for this purpose have been "Conquerer" (No. 504 V. R.) and are superb. agricultural lands. The poorer lands are My registered ewes clipped on an average called pasture lands, but for the present 141/2 pounds. I have 800 non-regis tered buyers prudently take the agricultural lands. Merinos. It was the fleece of one of these, a They have the choice, and buy lands in yearling ewe, that was decided to be the most grass now rather than wait to put the poorer valuable wool sent from our State shearing to be scoured. It was priced at 78 cents This was quite a surprise to me, as I was not expecting my "grades," as I have been calling them, to beat all the Vermonters. The ewe referred to is six years old and sheared

ally done as well as other stock, the from the original flock my father left, and lack of feed and water has done more are as good class non-registered sheep as

I enjoy reading your Sheep Department very much. I would not be without the

many kinds can be secured besides corn. extent, but the sheep that are intended for Corn has been so much counted upon market could be much better if there was by western farmers, that when a short- the distinction drawn, that is well known, age comes we feel it greatly. We will between sheep that produce wool and those

Among the principal breeds that are noted for producing long wool and large carcasses For hay, corn fodder is an ample sub-are the Cotswolds, and our farmers have not stitute and may be provided. Wild hay been slow in resorting to them in order to bull, cow, ox, or calf is an unsoundness. A description in a bill of sale of an animal of its pedigree would constitute a warranty that it was of the breeding so represented.

This is generally the experiment of the selection of the common flock; when the part of the common flock; as well as to eat it; and where the past about life enough to enable them to move, and the second summer, the proper time for development, is spent in the selection of lost vitality.—Ex.

Animals need time to digest their food as well as to eat it; and where the past about life enough to enable them to move, and the second summer, the proper time for development, is spent in the second summer, the proper time for development, is spent in the second summer, the proper time for development, is spent in the second summer, the proper time for development, is spent in the second summer, the proper time for development, is spent in the second summer, the proper time for development, is spent in the second summer, the proper time for development to as well as to eat it; and where the past about life enough to enable them to move, and the second summer, the proper time for development, is spent in the second summer, the proper time for development to as well as to eat it; and where the past about life enough to enable them to digest their food of their growth, they have been cut to an extent never before known and the quality has been cut to an extent never before as well as to eat it; and where the past about life enough to enable them to move, and the second summer, the proper time for development, is spent in the second summer. fully looked after. The recent and hoped for rains will give fresh pastures instead of using more Cotswold blood. Why for late fall and perhaps early winter pasturage, and possibly we shall have that in order to keep the Cotswold up to the disease, and plainly indicates one of its causes, or more properly its chief cause. The causes, or more properly its chief cause. The causes of the causes of the causes of the cause of the causes of the cause of t

constantly driven and used in a plow; warranted," was held to be a warranty of soundness only, and a bill of sale of a horse in which he was stated as "considered sound" was held not to be a warranty of soundness. So soon as the purchaser discovers that there has been a breach of warranty he should give notice, offer to return the animal, and demand his money back, if he desires to be reinstated in the position he occupied before the sale.

| A san Antonio letter says and some portion of the droppings of the animals is partially was ted—but we never see animals standing in a shelterless field during the past season, without a feeling price of seating the progress.

| A san Antonio letter says and some portion of the droppings of the animals is partially wasted—but we never see animals standing in a shelterless field during such days as have characterized July as if their use was procreating colts and August in much of the west, during the past season, without a feeling price over feat and feeble; their use was procreating colts and August in much of the west, during the past season, without a feeling of pity for them.

THE BEST OF ALL

FOR MAN AND BEAST.

hich speedily cures such ailments of the HUMAN FLESH as Bheumatism, Swellings, Stiff oints, Contracted Muscles, Burns

Kheumatism, Swellings, Stiff Joints, Contracted Muscles, Burns and Scalds, Cuts, Bruises and Status, Poisonous Bites and Sings, Stiffnews, Lameness, Old Sores, Ulcers, Frostbites, Chilbiains. Sore Nipples, Caked Breast, and Indeed every form of external disease. It heals without scars. For the BRUE CREATION it cures Sprains, Swinny, Stiff Joints, Founder, Harness Sores, Hoof Diseases, Foot Liec, Screw Worm, Scases, Foot Liec, Screw Worm, Scases, Foot Liec, Screw Worm, Scales, Hollow Horn, Scratches, Windgalls, Spavin, Thrush, Ringbone, Old Sores, Poll Evil, Film wpon the Sight and every other ailment to which the occupants of the Stable and Stock Yard are Hable.

The Maxican Mustang Liniment always cures and never disappoints; and it is, positively,

THE BEST

OF ALL

FOR MAN OR BEAST.

for more than a third of a century

## Che Come Gircle.

Letter from Knon.

Dogmatism is a natural sequence of egotism. That man who is convinced in his own mind that he possesses an eclipsing brilliance of intellect, who places the utmost confidence in his ophers. of intolerant dogmatism; the impatient Greek philosopers put together. waves of which have caused, and are causing, more mischief in the world than can be readily estimated. So the danger lying in these three evolution links of self-esteem, egotism and dogmatism can be plainly seen-that is, when an individual possessing the second is enabled by force of natural abilforce a dictum of the last. John Caldaring to dissent from it.

But the larger number of egotists his temper through the entire process. possess no great amount of ability.

any one b- worthy of the world's attention, he will ascend from the valley of in a less aggressive way. Shakespeare as the "best room." says, "Beauty needs no orator." The But for whom do words, not the truth, of this sentence will be changed if we say, "Merit needs

Let him who always trusts in his intuition, as or posed to results of careful, consecutive thought, ponder this simile. A pencil of light, coming through an aperture into a darkened room, will reveal all the motes in its path. In a time? Even the women-folks scarce unknown to the writer. It is reported venture to enter after everything is ar-Clarksville, Mo., August 22.

#### Essay On Socrates.

could have been anything but a philos- cess. opher. True he never was what we vantange to him in his subsequent life. But Socrates was always unlucky. Instead of getting the sugar bowl every possible. Have none of you ever entered by the sugar bowl every the sugar bowl ever time he cried, as he would have done tered parlors that were so cold and had he been in Nina's care, he always bleak you felt like you would certainly got a severe "spanking". If he stole a freeze, if you had to stay there long? melon, it was always sure to be green, I called with a young lady and gen- they became sorely afflicted with a litor else he was sure to be caught in the tleman at the house of a new acact of theft.

Greek to steal, yet to be seen with sto- parlor and shut the door. The room more unfortunate, he caught the same of price. len property was the most disgraceful was as dark as midnight; we could not disease his manuscript had given to evthing of which he could conceive. Soc- see anything. We must have presented erybody, and he has not recovered yet. rates, although he stole everything he rather a ludicrous appearance, standing He then commenced writing for the could get sight of, always felt mighty there like statues, or taking a step at RURAL WORLD. The editor was albad when caught at theft. It is said a time and reaching in every direction ways very careful about admitting anythat he recived twenty-six fatal inju- for a chair. The ladies finally found ries in falling from apple trees, and in a seat; but the young man went group when Bon Ami begged like a gentle-running away from peach orchards. ing round in the dark, hunting for a man ought, and presented his creden-If Socrates went swimming early in the spring, his hair being so thick and woolly, his mother could tell he had been to the creek. All this experience made him wise. By experience he lear red that causes have effect. In order to avoid fatal injuries he word ample time to consider the stitution and look around us before It was a wise observation of Sucretation of Sucretation and declined when at last the doo. opened, and a trio of bright lights entered, which lit up is the short letter people most like to good stand. Several acres of alsike also good stand. ing, he said, to the loss of a valuable extremity. The early part of Socrates' rest of our stay.

If the had been a failure; hence it was life had been a failure it was life had been

disciples in a school house. His in-struction was practical and related mostly to the products of agriculture, windows in the room, b t the shutters disciples in a school house. His instruction was practical and related mostly to the products of agriculture. He taught his pupils as he traveled through gardens, orchards, melon patches, etc. Socrates was accused of profaning the gods by one of his rivals. He mode no defence and chearfully.

If the value of a system of physiology judgment as opposed to everybody else's, is to be determined by its results. Bais fast drifting toward the raging sea cou did more for mankind than all the BON AML

#### Letter from Alberta.

I suppose in most families the dread season of housekeeping is about over and the lords of creation can once more repose in peace and safety. They may consider themselves fortunate if they have not been called on to take a more ity, or other means, to evolve and enkeeping out of the way or in a good vin, in religion, was a conspicous and hamor—such as shaking carpets, movdetestable example of such a man. Af- ing bureaus and bedsteads, taking down ter emancipating himself from religious stoves, &c. If there is ever a time when serfdom, he set up a creed of his own, a man is a useful appendage to a house and burnt Servetus at the stake for hold, it is in such a time as this, providing you can persuade him to keep

Doubtless we have all fixed up the All these can do, is to continually ring "best room" in our several homes, as chimes (?) on the big 'I' and 'we.' One well as our circumstances would percan judge of soil by seeing its product; mit, and our good taste and judgment and when "I, I, I, I," are constantly would suggest. Be the home log cabin, obtruding themselves upon notice in a with its fresh whitewashed walls, or composition or in conversation, the brown stone front, there is generally reader or hearer is apt to pronounce one room reserved and the nicest we the organ which opens the portals of can afford—the newest and best furniwisdom, possessed of very little gray ture has been put in there, the prettiest pictures adorn its walls, the bright-Egotists are a pest and a nuisance to est carpet in the house goes down here. society. They should be systematical- A pretty bouquet is gathered and placed ly suppressed. If necessary, socially in it often to waste its sweetness onostracise them. They will thereby have not desert air surely, for this little an excellent opportunity to learn that eden is as unlike a desert as one could an excellent opportunity to learn that eden is as unlike a desert as one could consent to the matter at all if it were for agricultural purposes. Few attended to him to decide. My object, to be tempts have been made to protect the dom without injury to itself. Then, if A pretty ornament or handsome vase humiliation ready to seek recognition No wonder it is known in every house

But for whom do we fix it up so nicely? Do the husbands, fathers or broth | Latin phrases, indeterminate innueners in the home enjoy it ever except on dos, and "incomprehensible hieroglyphstate occasions, when they stare and ics." For wisdom Bon Ami will comgaze at the strange objects opened up pare favorably with Homer, Socrates to their view, as if not knowing they had lived next door to them all the States of America, at a date extremely venture to enter after everything is aris quiet as they left it. We close the decision of all that he was better lookshutters, draw down the blinds, and ing and far more wonderful than the with secret pride, anticipate the time was educated, I do not see how Socrates drop in to compliment us on our suc-

And just here I want to enter my would now call a philosopher, but he protest against living in dark rooms. present time, was allowed to educate will brighten up everything a hun fred

quaintance. We were met at the door unhappy result somewhat dampened

opher. My education has been something after the style of his, and I know what kind of effect it has on a fellow One day Plato, the pupil of Socrates asked his master's opinion about Archimedes, when he ran through the streets of Syracuse, exlaiming Eureka! Eureka! "I guess, replied Socrates, he had a pack of lighted fire crackers attached good taste. A great deal of home-made a pack of lighted fire crackers attached to his tail." Socrates never taught his some others to spend the day at the bow some others to spend the day at the house of an acquaintance. On arriving there, we were put in the best room. Everything was in perfect order—it was really a model of neatness and a pack of lighted fire crackers attached good taste. A great deal of home-made fancy work added to its beauty, and a the blessing of good health and sound sleep. bee pasture."

A few weeks go I was invited with some acquaintance. On arriving the received in the best of the cause by regulating the bow on his patch till the present season.

Bon Ami of wiscom.

So he is.

to each remained closed. It was a lovely day outside, but so gloomy within, although the sunlight tried its best to force its way through every opening, but it poorly succeeded. As we passed through the light, open sitting room, with its rag carpet and white muslin window curtains and open windows, on g ing in from dinner, I heartly wished to myself they would let us si there again seated in the dimly-lighted room; and, my friends, I just whisper to you sare ordinarly found on sandy plains, and, my friends, I just whisper to you sare ordinarly found on sandy plains, the light of the place of the poor ridges. The bushes are free thigh, and more on bushes four or five feet high, and more on bushes from drowning.

If a bee is pinched by you and stings you on the hand, remove the sting with your thumb nail and suck the place becountry the bushes generally grow on tween the lips, and don't halloo "Ouch!" like an idiot, or be so reckless as to thrust the same hand back among the best immediately.

Weeds or small brush set up before He made no defence, and cheerfully but it poorly succeeded. As we passed partook of the poison prepared for him.

Thus perished one of the best, if not one of the greatest of the Greek philosselves, or is there some long neg ected nook or corne in the room they do not and the other day at the house of a friend. I asked liberty to raise the cur-tain a little after the sun had sufficient-

ly passed the window as not to be con-sidered an intruder. Home Circle friends, if any of you come to visit us, you will get the full benefit of the sunlight, unless you hap-pen to have weak eyes, when the win-dows shall be darkened forthwith. But it is after 11 o'clock-there more cheery room in our home than this, and that is the kitchen.

### Bon Ami.

Lafayette county, Mo. ALBERTA. short, is to do a great man justice. And to the reputation of the writer, provided he don't use too many big words, seed.

thought, not a pale ray from the phosphorescense intuition, coming into a self-darkened mind, will show infinite taking a peep in at the door to see if all will just say that it was the universal season when it is least abundant. comet-and as a natural consequence. Considering the mode in which he when some neighbor or friend will the comet, so says report, was utterly the veteran pomologist and fruit growignored, and the people feasted on the er, in a late letter in the Fruit Grower, beauty and intelligence of the youthful says: My Anjou pear trees are now on paragon. Later, when he had nearly their own roots, although many of them would now call a philosopher, but he was, as the Greeks used the term, the most philosophic of the Greek philosophic of t phers. Socrates, like many boys at the "best room," every now and then. It they moved to the place where our hero above another and prote ted from frost attended school. Several deaths occur- and rain by boards or shutters, where himself. In addition to what he could fold more than praises from a multi-red among those who were unable to they remain until cold compals learn in Athens, he had all the advantude of friends can possibly do. If you move to the college. This shows the are then taken into a well drained celture to the college. tages of the country boy. As soon as are afraid of fading your carpets, lay a deep attachment which everybody had lar and piled seven high with slats behe was able to crawl, he began to expenewspaper or piece of domestic in front for him, and this popularity has never tween the boxes. Here they remain riment with the law of gravitation by of the window for the sun to try his ceased to this very day. Well it was with no other care than opening the window on cool nights, so as to keep falling from chairs, fences, door-steps, strength upon. If flies are about, wire not long until our transcendent genius the ripening process dormant, whenever &c. He next investigated the nature netting is the best to use, but mosquito betrayed a keen appreciation for literathe cellar seems to need it. About the and structure of the back extremeties net will do as well to tack over the ture. This growed to a remarkable deof the mule, and it is safe to say that window and is much cheaper. It will last a long time, if put on the inside, more sensation than the authorities there are no end of the row and select these for market, and so, from time to could allay in months. It was an essay, time, we go over them, retaining the

> much wit in it, the people who read were convulsed with laughter until erary disease called "criticism." This

one to the celumns of his paper, but

wore four vests, six coats, and three situation and look around us before pantaloons. He could then go swimming, and steal apples with impunity. It was a wise observation of Soc. It was a wise observation of Soc. When at last the document of the acres of melliot this spring, on poor, when at last the document of the acres of melliot this spring, on poor, clayed hill points; and where sown in oats it makes a poor show to-day, but when at last the document of the acres of melliot this spring, on poor, others, and hardly ever criticises any-

Generally, in riding by a house, you Socrates without respect, and I think make a thin stand. These with white him abundantly respectable enough to clover and buckwheat, will make our

A Neglect d Fruit.

force its way through every opening, fruit. Some varieties grow on bushes but it poorly succeeded. As we passed four or five feet high, and more on bush-them from drowning. and, my friends, I just whisper to you es are ordinarly found on sandy plains, that I was really glad when the time hills or ridges. The bushes are frequently found growing in fissures of siderable of a barrier against robbers, as ledges or in the very thin soil that has they dislike very much to approach the keepers will persist in keeping their ledges or in the very thin soil that has entrance by winding passages. For guests in the dark. Is it because it is formed on the surface of rocks. They very bad cases of robbing a wet cloth fashionable? Do they enjoy it them always appear to be hardy and to thrive hung over the entrance, and kept dripin spite of neglect. The bushes are of ping is generally effective. nook or corne in the room they do not wish brought to view? For my part, slow growth, but are very long-lived. After the beginner has learned to distant imagine where the pleasure is; The fruit is not luscious, like the strawberry, raspberry, or blackberry, but it possesses many excellent qualities. Being quite sweet, it requires very little sugar to render it palatable, whether it is cooked, or eaten as it is taken from the bushes. It will remain on the bushes several weeks after it is fully ripe. Being very firm it can be placed in quite large packages for shipment. is a For the same reason it bears transportation very well. The fruit is very good for eating before it is cooked, for making sauce, puddings, and pies, for drying, canning, and piekling. It matures after most of the small fruits are out of the way and before most of the way It has not been my custom during out of the way and before most of the my brief literary career, to treat sub-jects of such immense proportions as the above but as Bon Ami's biography the above, but as Bon Ami's biography in its favor, it generally produces most will certainly be written sooner or abundantly during seasons when there as the deadliest Indian reptile, is winding its are small crops of cultivated fruits. In to be his first, if not his best biographer.

I have been led to this task by the urgency of the occasion. Do not understand me to say Ren Ami weed me land in the gathering of these berries is a source derstand me to say Ren Ami weed me land in the gather control of the source of t derstand me to say Bon Ami urged me land in the states first settled occupied to "write him up," for to be candid, his to "write him up," for to be candid, his coming smaller, on account of the modesty is so great that he wouldn't spread of fires and the demand for land ereign remedy for all forms of scrofulous tempts have been made to protect the bushes that grow spontaneously, and swellings, fever sores, scrofulous sore-eyes, most of the synchronic statement of the synchronic most of the experiments in cultivating By druggists. is sure to find a lodgment in this room.

Then, you are aware that writing a great the fruit have been successful. This is now wonder it is known in every house man's biography, very frequently adds the the probably owing to the circumstances. that persons have transplanted bushes instead of raising them from seed. The seed readily germinates when washed from the pulp, planted in suitable soil, and covered with a slight coating of earth. The young plant grows well if afforded a partial shade. grows well if afforded a partial shade. There is much land in the west that and others. He was born in the United would produce large quantities of these berries that is now of very little value. Experiments in producing new ties of berries and in cultivating the

Keeping the Anjon Pear. Marshall P. Wilder, near Boston, Mass. But to return to the dark room, nobly written, finished with brilliant hard and green specimens to the last. knew it was original, and as there was ripened in a warm room.

It is now forty years since I introduc-

ed this plan, and not only have I proved it thoroughly, but I have during the time eaten a pile of them.

It cures backache, kidney and bladder af-Although it was honorable for a by a servant, who ushered us into he the ardor of our hero, but what was yet \$2, by druggists, or send by mail on receipt

## The Apiary.

Pasture For Bees. Mr. Wm. Camm, in the Bee-keepers Guide says:

rest of our stay.

Generally, in tiding by a house, you make life a success. It is always so. The man who has been a regular "dead beat." to use college parlance, is the one most likely to offer you advice. An old man is very profuse in giving advice to a young lady about to get sound and solemn advice about the habit of chewing, go to some filthy fellow who is chewing a piece of tobacco as gracefully as an old cow chews her cud. The drunkard, just about the time he thinks his satante majest vis going "to draw on him at sabout the time he thinks his satante majest vis going "to draw on him at soperate lecturer.

Old Socrates without respect, and I think him abundantly respectable enough to associate with them. Among his virtues, I can say that he never uses big words in his letters; they are all very simple. A child could wri—I mean read them easily. He was recently offered the chair of ancient and modern languages in Yale College, but rejected to wook chews her cud. The drunkard, just about the time he thinks his satante majest vis going "to draw on him at sabout the him abundantly respectable enough to associate with them. Among his virtues, I can say that he never uses big words in his letters; they are all very simple. A child could wri—I mean read them easily. He was recently offered the chair of ancient and modern languages in Yale College, but rejected the chair of ancient and modern languages in Yale College, but rejected the word in with disdain, preferring to follow out his original plan, that of becoming hall not work the words in his letters; they are all very simple. A child could wri—I mean that the chair of ancient and modern languages in Yale College, but rejected the word in with disdain, preferring to follow out his original plan, that of becoming the with disdain, preferring to follow out his original plan, that of becoming the word word in white disdain, preferring to follow out his original plan, that of becoming the word word with the deditor. I understand. These with them. Among his voir

It is called the huckleberry, whortle-berry, or hurtleberry in different parts during the box, dry days of July and

in quite large packages for shipment, digestion. It is for that reason that

#### Snakes as Life Destroyers.

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#### Piles, Piles.

6-52 BREAT GERMAN Illinois State Board of Agriculture. State Fair at Peo la, September 26th. 1881, fat Stook Show at Chicago. November 7th, 1881. 6. D. FISHER, September 1881. Springfield Ills. REMEDY RHEUMATISM NEURALGIA. SCIATICA, LUMBAGO. BACKACHE, FUOE SORENESS CHEST, SORE THROAT QUINSY. SWELLINGS SPRAINS, ROSTED FEET EARS, BURNS

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Sept.

These for Poultry Bu Plumage Andalusiar richer shad hackle, sad very dark the tail be

lightly cu wing bars, a lighter al tinctly sho edges. The and evenly red color; color of the seal black, from feath black turk is very si The cocks from ten to to nine potexcellent white and chickens a For a gene recommen ers-whose York mar

1. In th tight barre ter, into w and salt in half pound et of water and others -one-quar of pickle. must be p et down v o the bot eggs displa the barrel the pickle. in a cool p for several liquid, how brittle and contents. ure avoid over with pickle, E keep perfe

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of good ch two measu and unalte Melt four porcelain d in eight ou sulting sol what, then one into it shell. A n orbed in t that eggs in powdere have been and palata raffin, whi temperatu and has th tasteless, advantage and oil, an pickle the many mor able circu 4. Dry sal as a preseggs, but p that salt dry bran, place or e mixture o

one of po excellent tation. 6 -has rece for render orous. Birupy sol thin, hard serves as substitute thus coate der, or a would ke ing eggs i be fresh a are not s will not i A broken ones will lot. In

egg shoul charcoal Packed se not touch ces being der all cir be kept in also be av The Gr

For ove. ment has he passins, Danily, and hronic R Blot hes mot le has that they was bottle.

Dr. Whi three all in mass, etc. times. Passens and the passens are the passens a

## The Poultry Pard

Jersey Blues.

These fowls are thus described in the Poultry Bulletin:

Plumage of a bluish character, somehacker, saudie and tal leathers are of a yery dark shade, approaching black; the tail being short and the sickles slightly curved; the color of the breast,

In the common "liming" process a ter, into which is stirred slaked lime a market sort.

Belleville, Aug. 1881. half pound each for every pail or bucket of water. Some dealers use no salt. and others add a small quantity of nitre -one-quarter pound to the half-barrel of pickle. Into this the eggs, which must be perfectly fresh and sound, are must be perfectly fresh and sound, are to make the best goods we must have tory in qual ty of work dene. Also the best kind of milk, and dairymen Plows, Wagons and Farm Machinery the barrel is full of eggs it is also full of the pickle. Eggs thus pickled, if kept maker. in a cool place, will ordinarily keep good liquid, however, is apt to make the shells brittle and impart a limy taste to their contents. This may be in a great measare avoided by anointing the egg all from using the hoops. over with lard before putting in the right they began to feed salt to their pickle. Eggs thus prepared are said to cattle, the annual loss by the plague, in keep perfectly for six months or more half of those existing in the country when stored in a cool cellar. 2. A much better method of storing eggs is the foling the blood of cattle afflicted with lowing: Having selected perfectly the plague, salt is found wanting in it. fresh eggs, put them, a dozen or more at

hard albumen next the inner surface of the cow. the shell, the sugar effectually closing all the pores of the latter. The cool in an intimate mixture of one measure good charcoal, finally powdered, and two measures of dry bran. Eggs thus stored have been found perfectly fresh and unattered after six months. 3. A French authority gives the following: Melt four ounces of clear beeswax in a porcelain dish over a gentle fire and stir in e ght ounces of olive oil. Let the relting solution of wax in oil cool some what, then dip the fresh eggs one by one into it so as to coat every part of the hell. A momentary dip is sufficient, all excess of the mixture being wiped off with a cotton cloth. The oil is aba powdered chargoal in a cool place, ave been found after two years as fresh nd palatable as when newly laid. Paaffin, which melts to a thin liquid at a emperature below the boiling of water. and has the advantage of being odorless, tasteless, harmless and cheap, can be dvantageously substituted for the wax nd oil, and used in a similar manner. Thus coated and put into the lime pickle the eggs may be safely stored for many months; in charcoal under favore circumstances, for a year or more. 4. Dry salt is frequently recommended as a preservative packing for stored eggs, but practical experience has shown that salt alone is but little better than dry bran, especially if stored in a damp place or exposed to humid air. 5. A mixture of eight measures of bran with one of powdered quicklime makes an exceilent packing for eggs in transportation. 6. Water glass—silicate of soda
has recently been used in Germany for rendering the shells of eggs non-porous. A small quantity of the clear sirupy solution is smeared over the en-tire surface of the shell. On drying, a thin, hard, glassy film remains, which serves as an admirable protection and substitute for wax, oil, gums, etc. Eggs thus coated and stored in charcoal powder, or a mixture of charcoal and bran, would keep a very long time. In storing eggs in charcoal the latter should mg eggs in charcoal the latter should be fresh and perfectly dry. If the eggs are not stored when quite fresh they will not keep under any circumstances. A broken egg stored with the sound ones will sometimes endanger the whole lot. In packing, the small end of the egg should be placed downward; if in egg

also be avoided.—Ex The Greatest Discovery of the Age.

Or ove. 3. years Dr. Toblas' Von than Liniot has been warranted to care Croup, Colic, sand, District of the Colic, sand Dyeontery, taken interior, and S. re Shroat, Pains in the limbs, onle Rheumatism, Old Soies, Pimples the Andread awallings, externally and not le has not awallings, externally and related the sand awallings, externally and other is they would not be without itset in twa- 810 out to 50 out 50 out 50. Spot 2, Marray St. N. w York. 4 28cow

charcoal or other powder they must be packed so that the shell of one egg does

not touch that of another, the interspa-

ces being filled with the powder. Under all circumstances stored eggs should

Dr. Whittier, 619 St. Charles st., St. Louis, three all impediments to marriage, blood discusses, etc. Moderate charges. Safe mediting. Pamphlet er consultation free. Call or 14-52

Potato Report.

EDITOR RURAL WORLD: We have just finished digging Beauty of Hebron and Snowflake potatoes. Both were planted in April, on the same kind of soil, cultivated just alike, the ground being manured in the fall, and plowed Plumage of a busin character, some what similar to a Maltese cat, or the Andalusian fowls, only of a darker and richer shade than the latter. The cock's hackle, saddle and tai feathers are of a then harrowed down fine, and laid off in before cold weather set in. In the whenever they began to sprout they were color of the legs is a very dark blue, or geal black, well sealed and entirely free from feathers, resembling those of the black turkey. The plumage of the hen is very singular—not quite as dark. The cocks when well matured weigh from ten to twelve pounds, hens seven to nine pounds. They are said to be excellent table fowls, the meat being white and quite fine grained. The chickens are hardy and grow rapidly. For a general purpose, they are highly recommen ed by the New Jersey farmers—whose close proximity to the New York market should make them good judges.

Hew to Keep Eggs.

In the common "liming" process a Early Rose or Vermont. The Snow-flake is a potato of excellent quality tight barrel is half filled with cold water, into which is stirred slaked lime a market sort.



Dairy Notes.

o the bottom, small end down. The will do well to study more the source eggs displace the liquid, so that when of the production than to hug the de lusion that the best butter and chees depend wholly on the skill of the

The Wisconsin cheese factory me for several months. Long storage in this have gained a victory over the men claiming royalty on cheese hoops. The United States district court at Mil-waukee denied the application for an injunction restraining the factory men

The observations of Dumas, Payen and Boussingault have shown the fact a time, into a small willow basket, and that a cow gives healthy milk in exact immense this for five seconds in boiling proportion to the surplus of food bewater containing about five pounds of yound what is necessary for her own common brown sugar per gallon of water. Place the eggs immediately after on trays to dry. The scalding water causes the formation of a thin skin of deterioration of the milk and also of

The external character of the first rate milch cow is beyond a doubt diverse from that of the rapidly fattening eggs are then packed, small end down, sort; by the same token that good milking properties are rarely to be found in an animal having a tendency to fatten. Certain breeds of cattle ex-cel as milkers; whether it be that from the earliest period when milk, butter and cheese were man's article of food. they were selected and bred with that view, their descendants inheriting their disposition, it is impossible to say. It seems very probable. Anyhow, no sooner is their shape amened to the approved cubic form, and their aptitude to fatten strengthened by crossing with lell. A momentary dip is sufficient, let excess of the mixture being wiped of with a cotton cloth. The oil is aborted in the shell, the wax hermetical-closing all the pores. It is claimed that eggs thus treated and packed away powdered chargoal in a cool place, when fairly treated of the company of the powdered chargoal in a cool place, when fairly treated of the content of the ive, even when fairly treated. Of course, when a cow is brought to market with a tight bag that has not been drained for at least two days, while her calf has been fed by another, you must expect to be taken in. But when this cheating does not happen, its large udder is no certain indication. There is a look about the bag which tells more to the experienced eye than the mere magnitude of the part. As regards the other external points that we have to judge by they are the very opposite of judge by, they are the very opposite of what we look for in a fattening ani-

mal. The front aspect of a good milk-er will be triangular rather than cyl-indrical. The neck is thin, the shoulder fine, the flank shrunken. The typical dairy cow is a rather small, gaunt and ill-shaped animal, yet she possesses a large thin-skinned bag, swelling milk-veins, shallow and light fore-quarters, wide loins, a thin thigh, a long thin head, a brisk and lively eye, and a fine-ness and cleanness about the chops and hroat. Where efforts have been made o improve her type by crossing with the true built Durham, she has become of larger size, handsome in form, more apt to fatten, but she has been decidedly injured as a cheese dairy cow; her quantity of milk has been materially increased, and the quantity of caseous

matter produced from it has been di-minished and somewhat deteriorated -Prairie Farmer. Kills Lice. Ticks and all Parasites that CARBOLIC infest Sheep. Vastly Superior to Tobacco, Sul-phur, etc. SHEEP DIP.

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MANHOOD RESTORED

A victim of early imprudence, causing nervous deblitty, primature decay, etc., having tried in vain every known remedy, has discovered a simple means of self-cure, which he will east free to his fellow sufferers. Address

#### Establishing Lines.

EDITOR RURAL WORLD: One of the worst evils, and one that we hear but very little is said about, is the continual changing of lines between farms, by different surveyors. A farmer buys a farm, pays his money therefor, hires a surveyor to tell him where this line runs, and how far his land extends. thus to hire a man or officer, who is a legalized officer of the state and county, supposed of course to be competent to perform the work required. After this is done, the farmer goes to work to improve his land actively. Upon the basis given him by this legalized officer, he builds fences, houses barns; clears up and cultivates the land. This all costs time and money.

In a year or two and after the farmer has spent considerable money improve ing his place, another farmer comes along and buys a piece adjoining the The chances are that at this time this and one within their control." of losing his fence entirely.

This may not be all. Many times he has cost him considerable outlay.

The changing of his fence may only again change the lines and another rights." move of the fence is made, and this is kept up from one year to another, or as that follow perfect health the speaker continued: often as parties joining him see fit to have their land surveyed, and pay for having it done. In many cases the party has nothing to do with this, but physical form, and each is constitutionally seem, must eventually give way to the better, party has nothing to do with this, party has nothing to do with this, but equal to all natural demands. It is a mistais obliged to move his fence. Another ken and pernicious notion that one is strong serious matter that must also be taken and the other weak. No curse was prointo consideration is the roads, we can-nounced upon woman which did not apply not expect good roads when they are believe the fatalism that disease is a necessity continually being changed, but this is sary condition of their existence it is chiefly certain to be done as long as there is to be be a continual changing of lines be cal practice have been utterly incapable of tween farms.

lines or at least section lines and corn- upon women. ers be once established, and then let them remain there.

When a surveyor is hired by a party that to run lines, if he should find the corners and lines to be the same as the pre-vious surveyor had done, their work as this lady did. Paralysis means death of would soon play out, they must make the member paralyzed and torpidity of the some change in order to keep up their liver is the first stage of its dissolution. This work, and so the changing goes on.

but who has suffered more or less ex- once, and it carries with it the pense both of time and money, and in disease to all the other parts of the system. many cases to a considerable amount, and under the present system of sur-displacements, uterine troubles and the thouand under the present system of sur-displacements, uterine troubles and the thou-veying all over a section or township sand ills which are coupled in their train at any anybody's whhim-who is able come thick and fast. Then follow impure to pay for it—he is liable to be at more disculation cause. A derangement of the expose at any time; he may be at everso kidneys or liver causes. A derangement or the kidneys or liver causes disease in the organs much expense in putting up his im-\* terest to change the lines.

ners established at least, and let it be understood that these are not to be changed, and in a great measure this continual changing of lines will be done away with. If this is done and we away with the section of the troubles and ills to which women have been subjected, and I have learned to sympathize while I have sought to relieve. In endeavoring to carry relief I have tried to be free from prejudice and have in view but one end namely.

Besides all this a large amount of hard feelings and litigation between neighbors who by all means should be friends, would be done away with. A goodly sum of money that is worse than thrown away will be saved.

How many times in coing ever the land, owe their restored health and con-

#### SUGGETIONS IN TIME.

ical World Has to Say About Her Sex.

SYNOPSIS OF A LECTURE DELIVERED BY MRS. DOCTOR KENTON, BEFORE THE WOMAN'S SOCIETY OF NEW ENGLAND.

net only in society, but with the world in certainly cause for gratitude. In her social prietary medicines, and that such prejudice sphere, in her mental development and especially in her physical improvement, woman has shown wonderful advancement and such all because some are inefficient.

first; he too is another to know where to put his fences and improvements, he hires the county surveyor to establish his lines as the boundries of his land, for which service he pays his money. women, it is a mere accidental circumstance

the first farmer finds that he has put certain to appear, even in features and forms innut his fence ten or perhaps twenty feet way to become beautiful, and all other preway to become beautiful, and all other pre-over the line; he is either forced to go to the expense of moving and resetting his fence, or as is the law in some states his fence, or as is the law in some states ty in all their attractiveness a new life of losing his fence entirely.

This may not be all. Many times he is forced to move his house or his barn or other permanant improvement that glorious possibilities of life; the mother becomes conscious of the grandeur of maternity and the joys of a family. All this is not be temporary, the next surveyor will embodies the highest definition of "woman's the greatest benefits from the scientific re-

All these desirable things can be accom ompeting with the multitude of ills which, by personal carelessness or professional in-There is a remedy for all this, let the competency, they have permitted to fasten

A few weeks ago I received a call from charming lady, whose earnest face clearly showed that she desired advice and assist-It is unquestionably a fact, that very few surveyors will agree exactly where a certain corner should stand, and especially the case where they are to do otherwise.

She believed she was suffering from a paralyzed liver and wished to know if I could in any way aid her recovery. Now, imperfect as her statement was in regard to the disease which troubled her, there is no doubt

FLOUR—Sales: 16 brls at \$5 15, 75 at \$5 35, 141 \$5 75, 120 at \$6 80, 375 at \$7 05, 250 at \$7

is one of the most serious questions that can There is hardly a farmer in the state torpid and diseased liver cannot be cured at provements, they may all have to be removed no difference how much loss may accrue to him, simply because the second surveyor sees it to his interest to change the lines.

If necessary let us have a general survey made, and permanent section corvey made and no blood can be impure when the liver should be considered as a bad peach injures the other peaches in a basket. Not only this, but when these organs are in a healthy state they restore and keep in order any irregularity which may occur in the lower portion is small in the general receipts and provided and permanent section corvey made, and permanent section corvey made, and permanent section corvey made and no blood can be impure when the liver should be considered as a bad basket. Not only this, but when these organs are in a healthy state they restore and keep in order any irregularity which may occur in the lower portion is small in the general receipts and provided any irregularity which may occur in the lower portion of the body. No woman was ever seriously sick for any length of time when these organs are in a healthy state they restore and keep in order any irregularity which may occur in the lower portion of the body. No woman was ever seriously sick for any length of time when the second surveyor sees it to his inthe second surveyor se vey made, and permanent section cor- and no blood can be impure when the liver

know where section corners are, and that they will not be changed every year, then we can work our roads to a better advantage, and can have better roads at much less expense of time and labor.

The farmer can work our made and we carry relief I have tried to be free from prejudice and have in view but one end, namely —to help those who are suffering; and I feel it is my privilege to day to state that I believe there is a means whereby those women who are suffering can obtain complete relief and those who are in health be continued in The farmer can also set his fences and make them permanent—can if he desires, set out rows of trees along the fence especially those that are along the roads or highways, and thus beautify the country as well as improve his own farm. others. So efficient did

thrown away will be saved.

How many times in going over the country you see two fences set as close together between two farms as it is possible for them to be well placed, the country them to be well placed, the country them to be well placed, the country the many times in generally over the country times in generally over the country times in generally over the country to set the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of the land, owe their restored health and configured happiness to the wonderful power of warner's Safe Kidney and Liver Cure. Mr. 61c in large to 62c in small sacks; unripe do 52@57c; old and mixed range from 10c to 30c; tare 3@10 per cent. together between two farms as it is possible for them to be well placed, the space between them is generally overgrown with weeds, we usually hear this called the "devil's land," and on inquiring the reason you will find it is where two farmers cannot agree as to where two farmers cannot agree as to where the line separating their farms should be, and each one has built and insists on keeping up, through petty spite a separate line of fence, where one would answer, simply because they have got acouts with each other by this continual changing of lines.

We are in favor of agitating this until this worse than nuisance is abolished, it may give a few surveyors less work to db, but it will save farmers a large amount of time, money and vexation of spirit.

N. J. Shepherd, Pleasant Mount Mo.

Warner has the written testimony of hundred of the best ladies in the land, enthus!

Shepting for them to be well placed, the statics in the land, enthus!

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Potatores—In steady demand and firm.

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Noar-by growth selling mainly at 95o@\$1 10

but they obsore whether has given the public, but they overwhelmingly verify all they overwhelmingly verify all they overwhelmingly verify all they overwhelmingly verify all they overwhelmingly v society, or ramion and or necessity, all con-spire to impair the vitality of women. If we add to these the exhausting duties of moth-erhood, and the mental anxiety for the suc-cess of her husband in all his laudable ambi-"Summer Complaint."

For diarrhea, dysentery, bloody-flux, cramps in the stomach, and colic, whether affecting adults, children, or infants, Dr. Pierce's Compound Extract of Smart-Weed is a sovereign remedy. It is compounded from the best French brandy, Jamaics ginger, smart-weed, or water-pepper, anodyne, soothing and healing gums. Sold by druggists.

Spire to impair the vitality of women. If we add to these the exhausting duties of mothers of mothers and the mental anxiety for the success of her husband in all his laudable ambitions, which play upon her energies, is it surprising that thus burdened she should break down under the physical strain? By no means—on the contrary the wonder is that she has maintained her physical strength as she has.

I have not the time to elaborate this point. You yourselves very well know what the circular districts and few of this kind offered.

PEARS—Slow and easy. Sales, Bartlett—small and knotty at 75@90c, fair to choice coss of her husband in all his laudable ambitions, which play upon her energies, is it surprising that thus burdened she should break down under the physical strain? By no means—on the contrary the wonder is that she has maintained her physical strength as she has.

I have not the time to elaborate this point. You yourselves very well know what the circular distributions of mothers and the surprising duties of mothers are small and knotty at 75@90c, fair to choice of the surprising duties of mothers and the surprising duties of mothers are small and knotty at 75@90c, fair to choice of the surprising duties of mothers and the surprising duties of mothers are small and knotty at 75@90c, fair to ch

cumstances are which have rendered her life a burden. You also know that the

PRIMARY CAUSE of physical degeneration is impure blood. The performance of the natural functions of omanhood and motherhood is not a dis-ase, nor should it be so treated. Disease is the result of the transgressions of physical laws by our ancestors or by ourselves, and the natural coursings of the blood should not be so considered. If, however, the blood

woman is subjected, and the adaptibility of general. Why so desirable an end should the remedy above named for their cure wa have been so long delayed it is difficult to then made by the speaker, who continued: understand; but that it has at last come is I am aware a prejudice exists against prothe remedy above named for their cure was I am aware a prejudice exists against pro-

They who have made a careful investigation tell us that heathen women are much more able to endure pain than are the women of civilization, but civilized women body of the tree rather than its branches. to woman, has raised her, restored her and The chances are that at this time this surveyor will run the lines a little different from what they will at first, and man. When the body is healthy beauty is life, purified the sources of life, and brought erable blessings out of numberi

> greater and their possibilities unlimited. They are permitted to enjoy life to its fullest ceptions has led them to discover their ne sities and what will satisfy them. I conthe greatest benefits from the scientific reearches of independent investigation, are have spoken. The spirit of intolerance, may say in conclusion, so rampant in this age of free investigation when all things are seem, must eventually give way to the better, wiser, nobler liberality in which alone can Journal.



St. Louis, September 8, 1881. Prices herewith are for round lots in first

ands. Small order lots charged at higher prices. Buyers pay first ten days' storage, except in special bins.] FLOUR-Sales: 16 brls at \$5 15, 75 at \$5

Conv Meal.—Active and firm. Sales of city on orders at \$3 70@3 75 del. Grits, niny and pearl meal at \$4 70@4 75 del. WHEAT-No. 2 red at \$1 40, No. 3 red at \$1 33, No. 4 at \$1 25. Mediterranean-

Con-No 2 mixed at 621/2c, No 2 white mixed at 75c, rejected white-mixed at 691/c. rejected 59c. OATS-No. 2 at 411/2c, mixed at 44c,

prime at 441/2c.

Rys.—Grade No 2 at \$1 10. Samples at \$1 13.

HAY—Prime prairie at \$12, choice at \$12
Carbolic Sheep Dip is the best. Address 25, prime timothy at \$16@17 00, choice G. Millinekrodt & Co., St. Louis, send for cirthy at \$18.

HEMP—Common and undressed \$85@95; good to choice \$109@115; dressed \$160 to \$190; shorts \$130@150; hackled tow \$50@

5. BUTTER—Market steady all round. The St. 28c; medium to choice 21@25c; constore packed, etc. 18@20.

CHEESE-Firm. Full stock 10@13c; good to choice, part skim 9@11c; poor skim, old, etc., 2@6c

LIVE POULTRY-Chickens in moderate sup ply, good demand and firmer; ducks steady Old chickens—hens \$2 25@2 40cocks \$1 50@1 75; young—small to medium \$1@1 25 to \$1 75, choice \$2; young ducks \$1 25@2 25 as in size.

GAME—We quote: Grouse young at 4 50, \$3 00 for old, wood duck \$1 50, woodcock \$5, sandpipers, and small plover 30@50c squirrel \$1.

Wool-Tub-washed choice at 39c, fair at 35@38c, dingy and low at 33@36c. Unwashed medium 23c, choice 25c, low and coarse 18@21c. Black, cotted and burry at 5@10c per lb less than fleeces in good con-

Hidden Dull. Dry flint 16% o-damaged 13c; dry salt 12c—damaged 11c; dry bull and stag 10% o; green salt 9c—damaged 174c; green uncured 7% o-damaged 6c; f green bull and stag 5% @6c. Glue stock at

WATERMILONS—Jobbing at 8@16 per 100 for ordinary, and choice Georgia at 90@100

DRIUD FRUIT—In demand and firm. Apples at 5c for fair to 6c for prime and 6½c for bright new. Peaches at 6½c.
GRASS SREDS—Demand only for timothy?
New timothy 2 60@2 75 spot; millet 70c

HEMP SEED-Nominal at \$2 50 for prime coleaned held higher.
EMPTY BARRELS—Coal and other light oil

arrels at \$1 15.; whiskey do \$1.
FLAXSEED—Better and more doing; firm at \$1 30 pure test.
PECANS—Firmly held. Western 8@8½c.

Texas 9½@10½c.
PEANOTS—Demand only for choice. Red 2@2½c, white 8@4o.

Caston Beans-Not wanted above 1 85

bbl; G. A. at \$1 20@1 25 per sack. Hors—N. Y. 1880 crop 23@25c from store SCRAP IRON, ETC.—Burnt 20c, stove-plate 50c, plow 75c, heavy cast 70c, wrought \$1 10, brass \$8@13, copper 13, zinc 3, lead 3.

Rads—Country mixed at \$1 75@1 85 per

RAGE—Country mixed at \$1 75@1 85 per 100 lbs; old rope 2½c per lb.

CATTLE—Export steers \$600@6 22, good to heavy steers \$4 76@5 25, fair to good Colorado steers \$4 75@5 25, fair to good stockers \$3 00 @3 50, fair to good feeders, 1,000 to 1,100 lbs. \$3 60@4 00, native cows, common to choice \$2 00@4 00, native heifers, fair to good steers \$4 75@5 25 common to choice \$2 95@4 25 common to choice \$3 95@4 25 common to choice \$3 95@4 25 common to choice \$3 95@4 25 common to choice sative services and the services are the services and the services are the services and the services are the services ar choice \$3 25@4 25, common to choice native oxen \$3 00@4 25, good to choice corn-fed Texan steers \$4 00@5 00, medium to fair common mixed \$3 00@3 45, common to good grass Texans \$200@225, milch cows with calves \$1600@3700, veal calves \$500 @11 00, Scalawags of any kink 1 60@2 00. -Common to medium muttons \$2 40

@8 00; fair to good muttons \$3 25@3 50; good to choice muttons \$3 75@4 85; stock heep \$2 25@2 55; lambs per head \$1 50@

Hoos—Yorkers \$6 35@6 50, good to heavy shipping \$6 65@6 90, fair to good heavy shipping \$6 00@6 50, coarse and roughs \$5 75@6 00, pigs \$4 90@5 50, stockers \$3 50@4 50.

A Timely Warning, or The Experience of a Minister. If you suffer from general debility, brought

on by too close application to business and excessive brainwork; or from increasing prostratration and sinking spells, that even a rest or removal of the cause will not relieve, make haste to do as did a reverend friend of ours. He secured from his druggist a bottle be found true security, true peace, true of Brown's Iron Bitters, having heard of its health and true happiness.—New York Home Journal. exception of Brown's Iron Bitters, they all contained alcohol, and had failed to give his patients lasting relief; nor should he take any other preparation of Iron, for with the exception of Brown's Iron Bitters, they all blackened the teeth, and often gave headche, which Brown's Iron Bitters never did, but in fact cured headache. The effect was most satisfactory; he immediately realized wonderful results. His old energy returned, his natural force came back, and he felt himsrlf altogether a new man, full of health, strength and vigor, and he has continued to remain so ever since. Now he recomm Brown's Iron Bitters to all his friends which we unhesitatingly do to all our readers

> The best preventive of consumptive diseases of the lungs, bowels or kidneys is Brown's Iron Bitters. It checks all decay.

Millet is excellent for small chickens peing easily swallowed by them. Sunflower seed may be fed freely. It promotes laying, necesses the gloss of the plumage, and the

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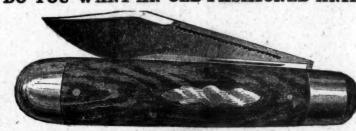
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